

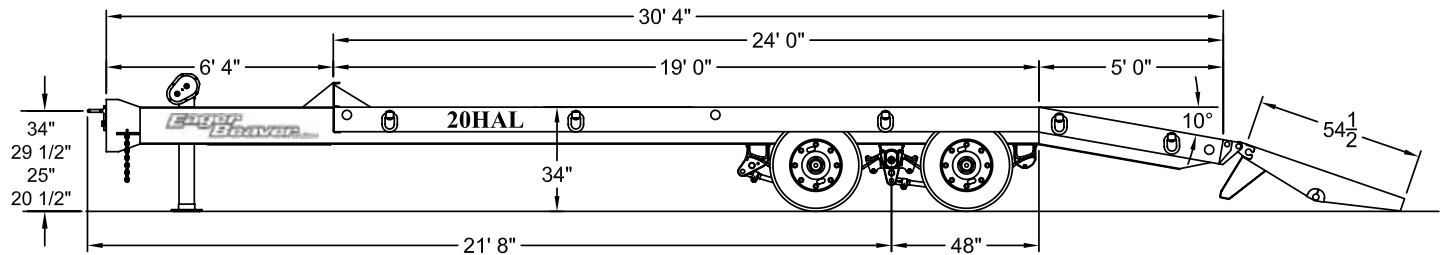
Parts & Service Manual

20-25 Tag Trailers

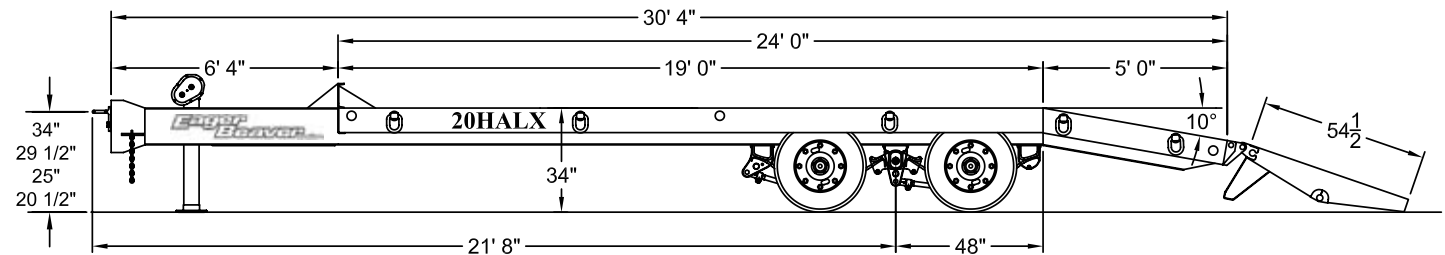
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Standard Model Drawings

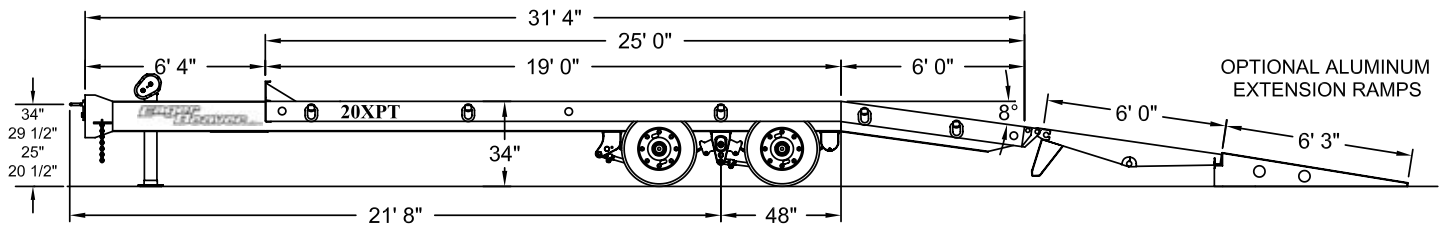
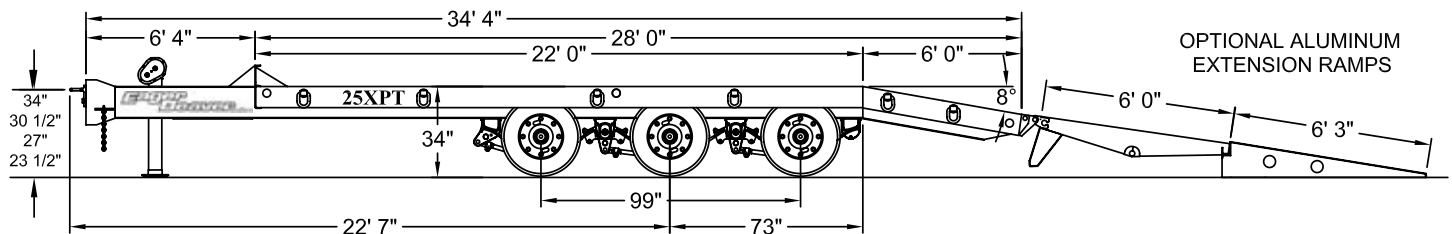
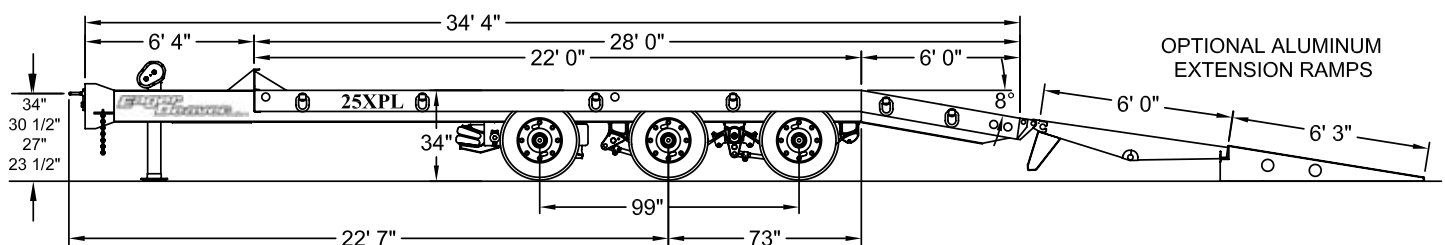
Model: 20 HAL



Model: 20 HALX



Model: 20 XPT

**Model: 25 XPT****Model: 25 XPL**



Trailer Setup

All Tow Behind Trailers

Setting up a trailer, especially a tow behind, has several aspects that are often not known or are misunderstood. Here is a description of the setup procedures for tow behind trailers.

Pre-Delivery

Perform the described pre-delivery procedure for tow behind trailers. See the pre-delivery sheet provided with each trailer. You can request a copy from customer service.

Tow Hitch

We will assume that the tow hitch is already installed on the tow vehicle. It is important to make sure that the tow hitch is completely compatible with the trailer hitch in both size and capacity. Eager Beaver can provide an appropriately sized pintle hook or ball when the trailer is ordered or through our parts department.

Attach the lunette eye or ball hitch to the nose plate using the holes that, once hitched, allows the nose end of the trailer to be 2"- 3" high at the front with the trailer unloaded. This will aid the trailer suspension in providing better weight distribution to all axles especially the rear. Once the trailer is loaded the trailer should be level or just a bit high in the front. The hitch should preferably be installed with the retaining bolt below the hitch if possible. Tighten the hitch shaft nut first until the lock washer is completely compressed, then tighten the retaining bolt nut until its lock washer is completely compressed.

CAUTION! Do not use any lunette eye, ball hitch or tow hitch that is excessively loose, large, damaged in any way or binds when the trailer turns.

Truck Wiring

See the trailer service manual for a schematic that shows how to properly wire the tow vehicle. For electric brake trailers, Eager Beaver can supply a proper truck harness and a brake controller. Refer to the literature provided with the brake controller for greater detail in installing the controller. Only a good sealing type tap connectors should be used for splicing into the truck wiring to prevent corrosion. Truck harness and controller sold separately.

Trailer Setup

All Tow Behind Trailers

Electrical Cable

Plug electrical nose harness into the tow vehicle receptacle. Make sure that there is sufficient slack to allow trailer to fully articulate without the cable getting too tight or, at the same time, not allow it to touch the ground when traveling straight.

Air Lines

On air brake trailers only, attach the two air line jumper hoses and check for the same slack clearance as for electrical cable.

Safety Chains

Attach the chains by looping them through an appropriate lash ring on the tow vehicle and then securing the hook to a chain link. This is for our standard slip hook. If a safety hook with latch is used, then simply attach hook to the tow ring. The chains should be attached to the tow vehicle by using a crossing pattern, under the trailer tongue. Make sure that there is sufficient slack in the chains to allow the trailer to fully articulate without the chains getting too tight and yet not having the chains drag on the ground, when trailer is straight.

CAUTION! Do not install chains on a tow vehicle that does not have an appropriate lashing ring for attaching chains.

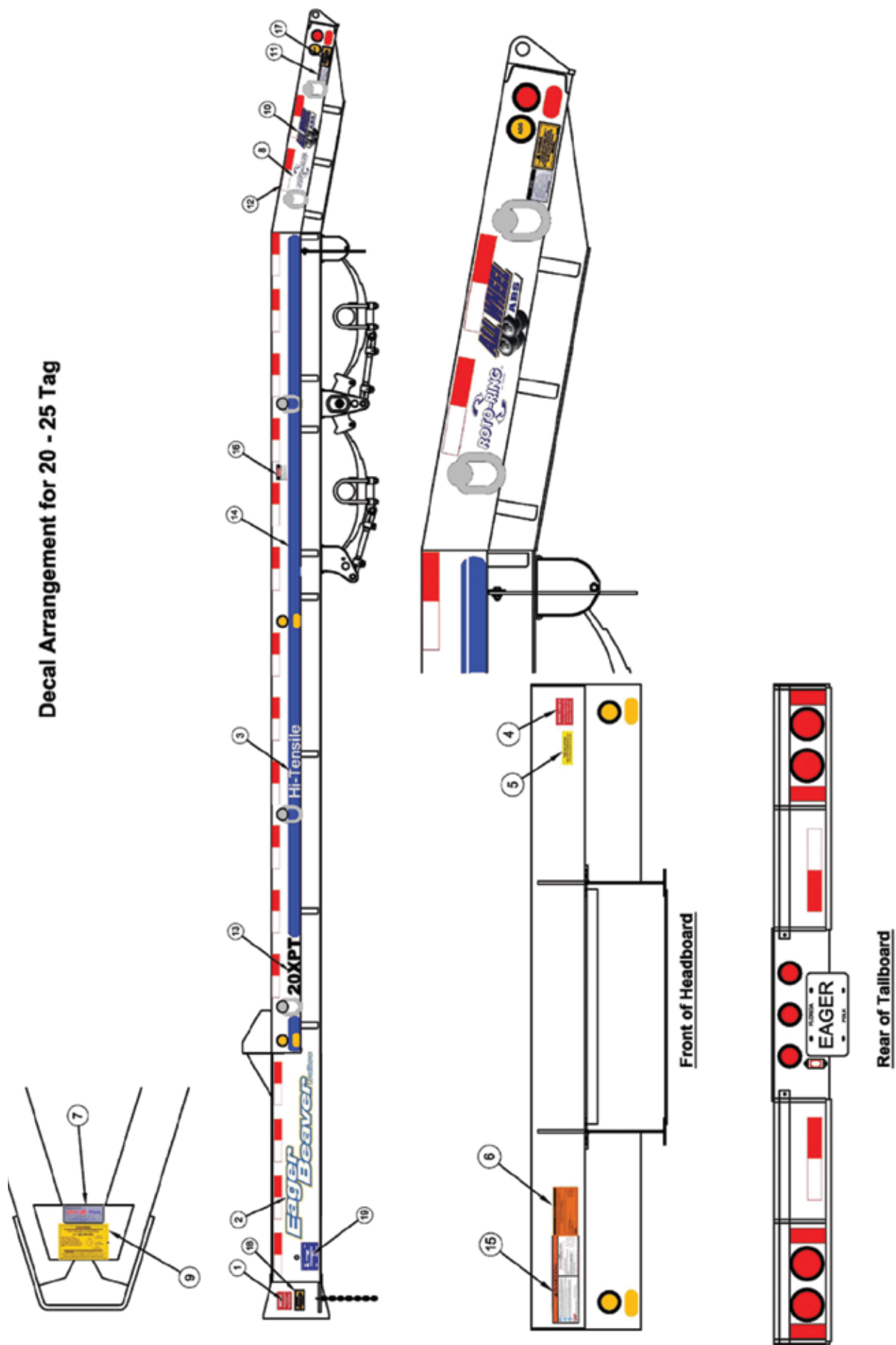
Break-away

On electric brake trailers, see the instructions supplied with the break-away switch. The instructions and miscellaneous parts for the break-away switch are shipped in the loose box of parts. The break-away system will only operate after both the coupling and safety chains have failed. The break-away is not a parking brake.

Conclusion

The final step in any setup is to make sure that all systems, electrical, air, hitching or break-away, all function properly before the trailer leaves the dealers yard. A safe trailer is good for your customer and good for business.

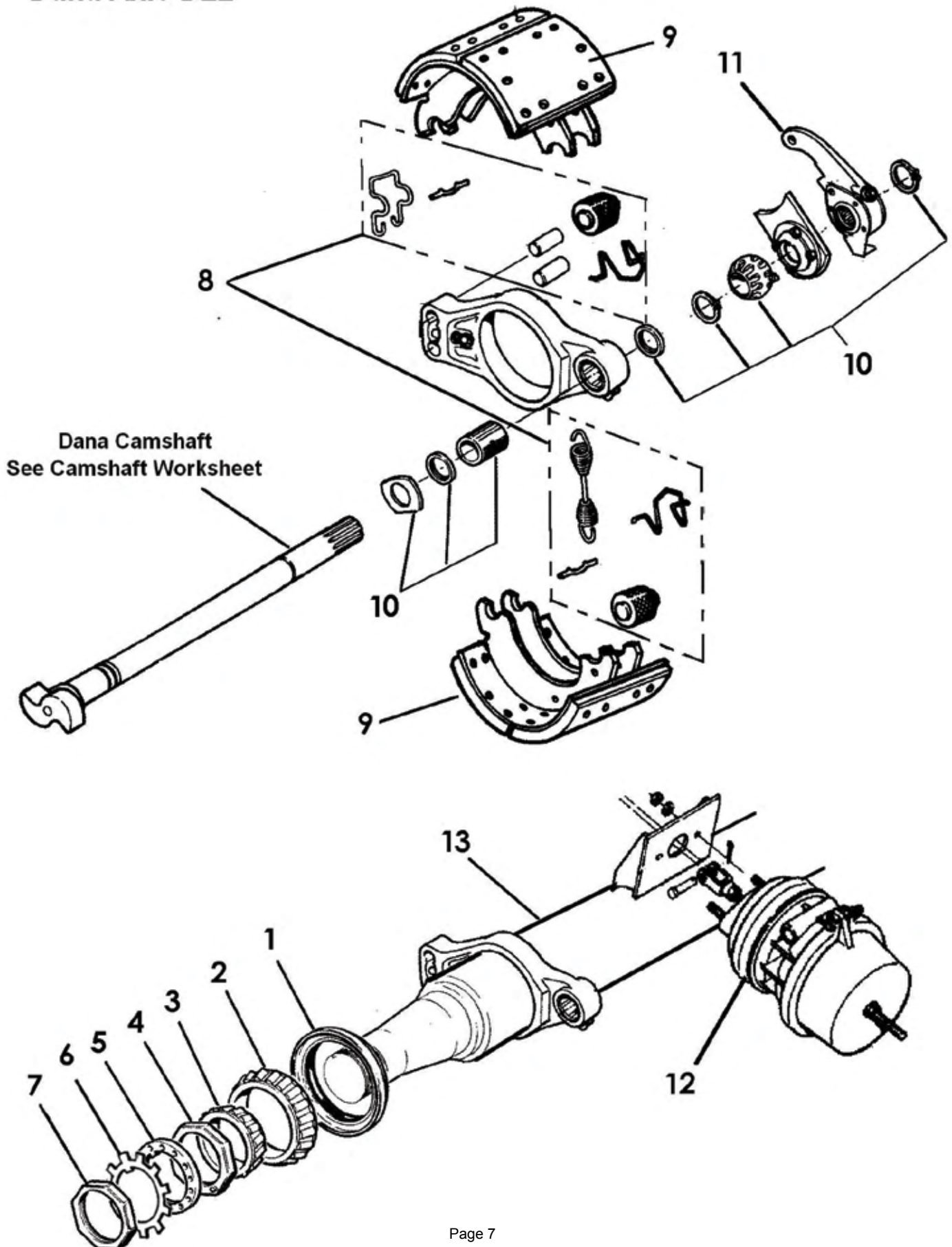
Decal Arrangement for 20 - 25 Tag



Eager Beaver 20 & 25 Ton Tag Trailer Decals

ITEM	PART #	QTY	DESCRIPTION
1	2059014	1	TRAILER CONNECTED WARNING
2	2059370	2	LARGE BLUE EAGER BEAVER, GOLD TRIM
3	2059325	2	HI TENSILE, WHITE
4	2059016	1	CHECK WHEEL LUG
5	2059162	1	TIRE INFLATION INFO
6	440025	1	HUTCH H9700 TORQUE (NOT IN KIT)
7	440027	1	USA HARNESS DECAL (NOT IN KIT)
8	2060618	2	ROTO-RING
9	2062003	1	CAUTION TRAILER EQPT W / ABS BRAKES
10	2061051	2	ALL-WHEEL ABS
11	2062004	1	ABS INDICATOR LAMP INSTRUCTIONS
12	2060608	50	RED-WHITE CONSPICUITY STRIPING
13	440200	1	20 PT - WHITE
	2059170	1	20 HAL - WHITE
	2059294	2	20 HALX - WHITE
	2060841	2	20 XPT - WHITE
	2062014	2	25 XPT - WHITE
	2062171	2	25 XPL - WHITE
14	2059249	40	BLUE STRIPE (EB YELLOW TRAILERS)
	2061081	40	WHITE STRIPE (RED, BLUE, BLACK TRAILERS)
15	2062007	1	WEBB WHEEL TORQUE - HUB PILOTED
16	2062179	1	DANGER SPRING BRAKES
17	2062173	1	REPLACE DAMAGED WOOD
18	2062174	1	PREVENT DAMAGE - LOAD ON EVEN GROUND
19	2062178	1	COLD DUAL VIN PLATE
	2062142	1	LIFT AXLE (25XPL ONLY)
	2062172	1	LIFT AXLE WARNING (25XPL ONLY)
			COMPLETE DECAL KIT
			PART #
			2063511 20 HALX (BLUE STRIPING)
			2062180 20 XPT (BLUE STRIPING)
			2062181 20 XPT (WHITE STRIPING)
			2062182 25 XPT (BLUE STRIPING)
			2062183 25 XPT (WHITE STRIPING)
			2062191 25 XPL (BLUE STRIPING)
			2062192 25 XPL (WHITE STRIPING)

Dana Axle D22

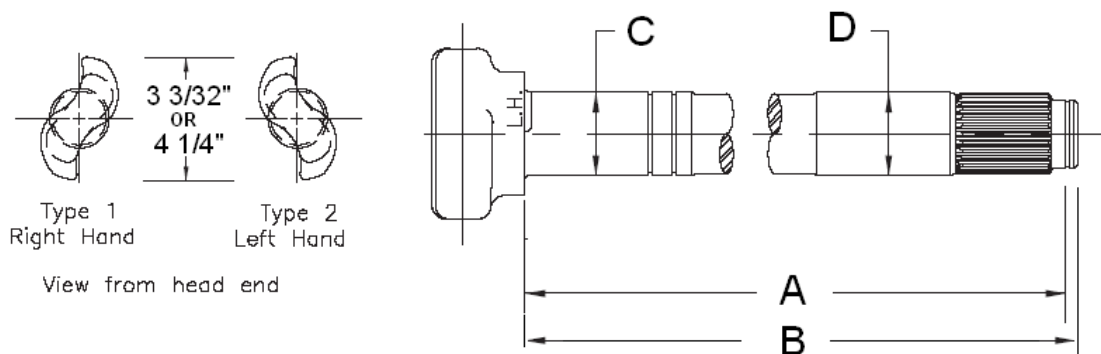


Eager Beaver Trailers

Dana D22 Air Brake Axle, Less Hub & Drum

Item	Description	Part #
1	Seal	2055828
2	Inner Cone Bearing	2058309
3	Outer Cone Bearing	2058308
4	Inner Nut	2055836
5	Inner Lock Washer	2058268
6	Star Washer	2058267
7	Outer Nut	2059229
8	Brake Repair Kit (One Per Wheel)	2060956
9	Brake Pad (Two Per Wheel)	2060455
10	Cam Repair Kit (One Per Axle)	2062013
11	Slack Adjuster	2061083
12	Air Brake Chamber	2059596
13	Complete Axle Less Hub, Drum, Air Chamber (77" Track, 43" Spring Center, 8'6" Wide Trailer)	2060565

Cam Shaft Determination & Ordering Worksheet



- Step 1 Decide whether the cam is a LEFT or a RIGHT hand and whether it is a SMALL ($3 \frac{3}{32}$ ") or LARGE ($4 \frac{0}{4}$ ") head.
- Step 2 Measure the length of the cam. It is best to provide both the dimensions "A", the distance from head to snap ring groove, and dimension "B", the distance from the head to the end of the cam.
- Step 3 Measure the diameter of the cam at both "C", just behind the head, and "D" just inside the spline.
- Step 4 Finally, determine whether the cam is a 10 spline or 28 tooth spline.

Please fill in the chart below when ordering a cam shaft

HEAD STYLE

LEFT HAND SMALL
RIGHT HAND SMALL
LEFT HAND LARGE
RIGHT HAND LARGE

DIMENSION

"A"
"B"
"C"
"D"

SPLINE

10
28

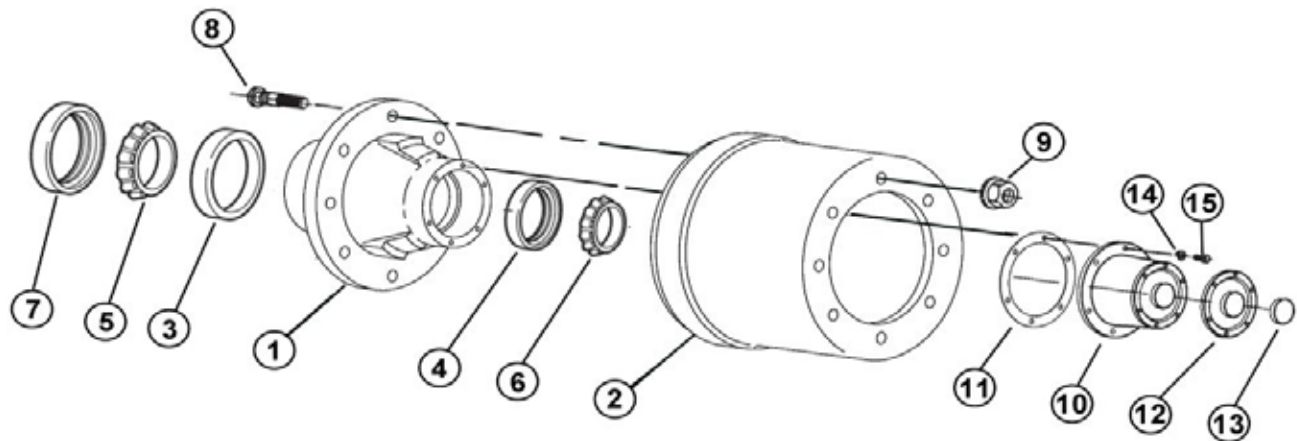
Fax the completed worksheet to Eager Beaver Trailers @ 856-423-0999.

Your Name: _____.

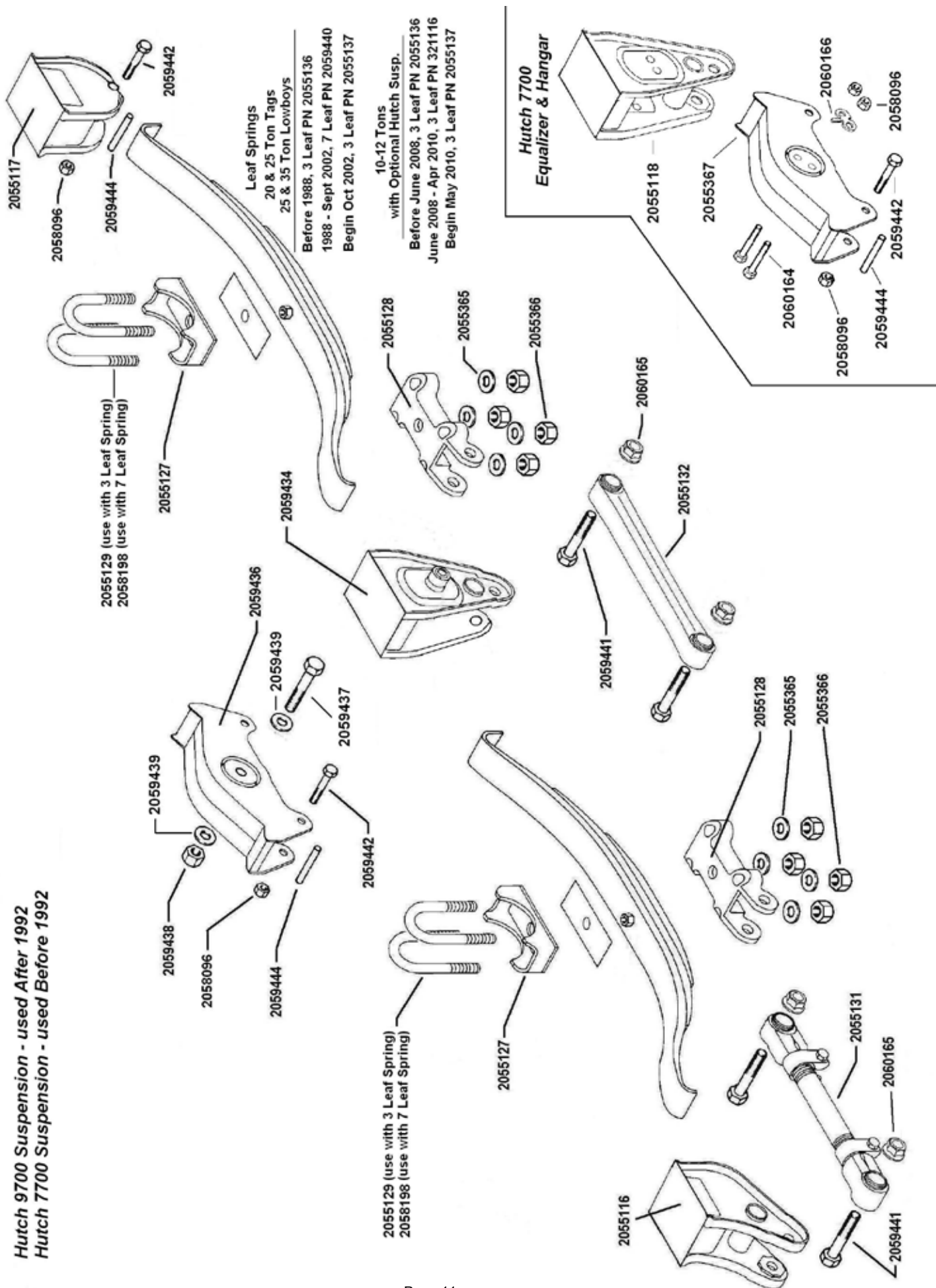
Your Voice Tel #: _____.

Webb 8 Stud Hub Piloted Hub & Drum

Item	Nomenclature	P/N	Remarks
1	Hub	2062151	Includes bearing cups & studs Webb 63680F
2	Drum	2062152	
3	Inner Bearing Cup	2058307	
4	Outer Bearing Cup	2058306	
5	Inner Bearing	2058309	
6	Outer Bearing	2058308	
7	Oil Seal	2055828	
8	Studs	2061085	
9	Flange Nuts	2061086	
10	Oil Cap w/ plug	2055089	Cap, includes window & plug
11	Gasket - oil cap	2055090	
12	Oil cap window kit	2058056	Window, gaskets & plug
13	vent plug	2055749	
14	Lock Washer		Procure locally
15	Machine screw		Procure locally



Hutch 9700 Suspension - used After 1992
Hutch 7700 Suspension - used Before 1992

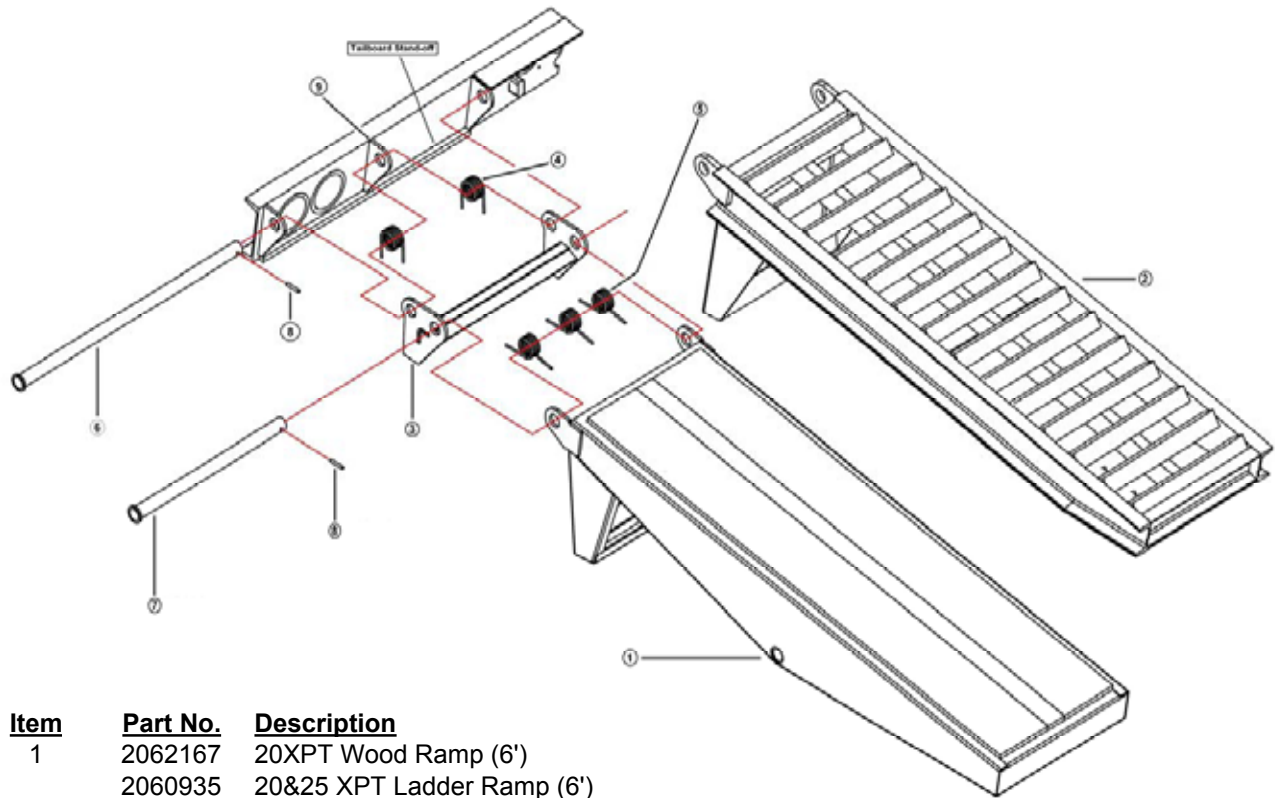


Hutch 9700 Suspension Parts Bill of Material (Tandem Axle)

Part #	Quantity	Description
2055117	2	Rear Hangar
2059434	2	Center Hangar
2055116	2	Front Hangar
2059436	2	Equalizer
2059437	2	Equalizer Bolt
2059439	4	Equalizer Washer
2059438	2	Equalizer Nut
2055132	2	Fixed Torque Arm
2055131	2	Adjustable Torque Arm
2059441	8	Torque Arm Bolts
2060165	8	Torque Arm Nuts
2055128	4	Bottom Plate
2055137	4	Springs, 3 Leaf
2055129	8	U-Bolt, 3-Leaf Spring
2055366	16	U-Bolt Nuts
2055365	16	U-Bolt Washers
2059442	4	Spring Rear Bolt (included w rear hangar) *
2058096	4	Spring Rear Nut (included w rear hangar) *
2059444	4	Spring Rear Spacer (included w rear hangar) *
2055127	4	Spring Seat (Welds to axle)

* Quantity Shown applies to Installation on Equalizer only;
Quantity on Rear Hangar included with hangar

Ramps and Linkage including conversion Kit 15 - 25 Ton Tag Trailers



<u>Item</u>	<u>Part No.</u>	<u>Description</u>
1	2062167	20XPT Wood Ramp (6')
	2060935	20&25 XPT Ladder Ramp (6')
	982132	25XPT Wood Ramp (5')
	982131	25XPT Wood Ramp (6')
	992822	25XPT Wood Ramp (6') Tapered
	992819	25XPT Ladder Ramp (6')
	992823	25XPT Ladder Ramp (6') Tapered
	2063274	15-25 Ton 6' Old Style Ladder Ramp
	2063273	15-25 Ton 5' Old Style Ladder Ramp
2	2063272	15-25 Ton 6' Old Style Wood Ramp
	2063271	15-25 Ton 5' Old Style Wood Ramp
	2062168	Light Weight Ramp Movable Link 4.5" Hole to Hole Center (23" Wide)
	2062340	Ladder Ramp Movabe Linkage (21" Wide)
3	2062135	Tail Board Side Spring (one leg longer)
4	2062134	Ground Side Spring (both legs same)
5	2059186	Ramp Pivot Pin 36.5"
6	2063220	Wood Filled Ramp 1.5" Dia. x 25" Long Pivot Pin
7	2054640	Ladder Ramp 1.5" Dia. x 23" Long Pivot Pin
8	2059020	Roll Pin - Ramps
9	2062169	Light Weight Ramp Fixed Link
	2062333	Tailboard standoff, 1/2 x 3/4 x 35"
	2063291	Conversion Kit "A", includes items 3-8 and tailboard stand off
	2063281	Conversion Kit "B", includes items 3-9, TB stand off and Item 1 (20 Ton 6' Wood Ramp set)
	2063284	Conversion Kit "B", includes items 3-9, TB stand off and Item 1 (20 & 25 Ton 5' Ladder Ramp set)
	2063285	Conversion Kit "B", includes items 3-9, TB stand off and Item 1 (20 & 25 Ton 6' Ladder Ramp set)
	2063286	Conversion Kit "B", includes items 3-9, TB stand off and Item 1 (25 Ton 6' Wood Ramp set)

Note: Conversion Kits contain quantity two of item 4, quantity three of item 5.

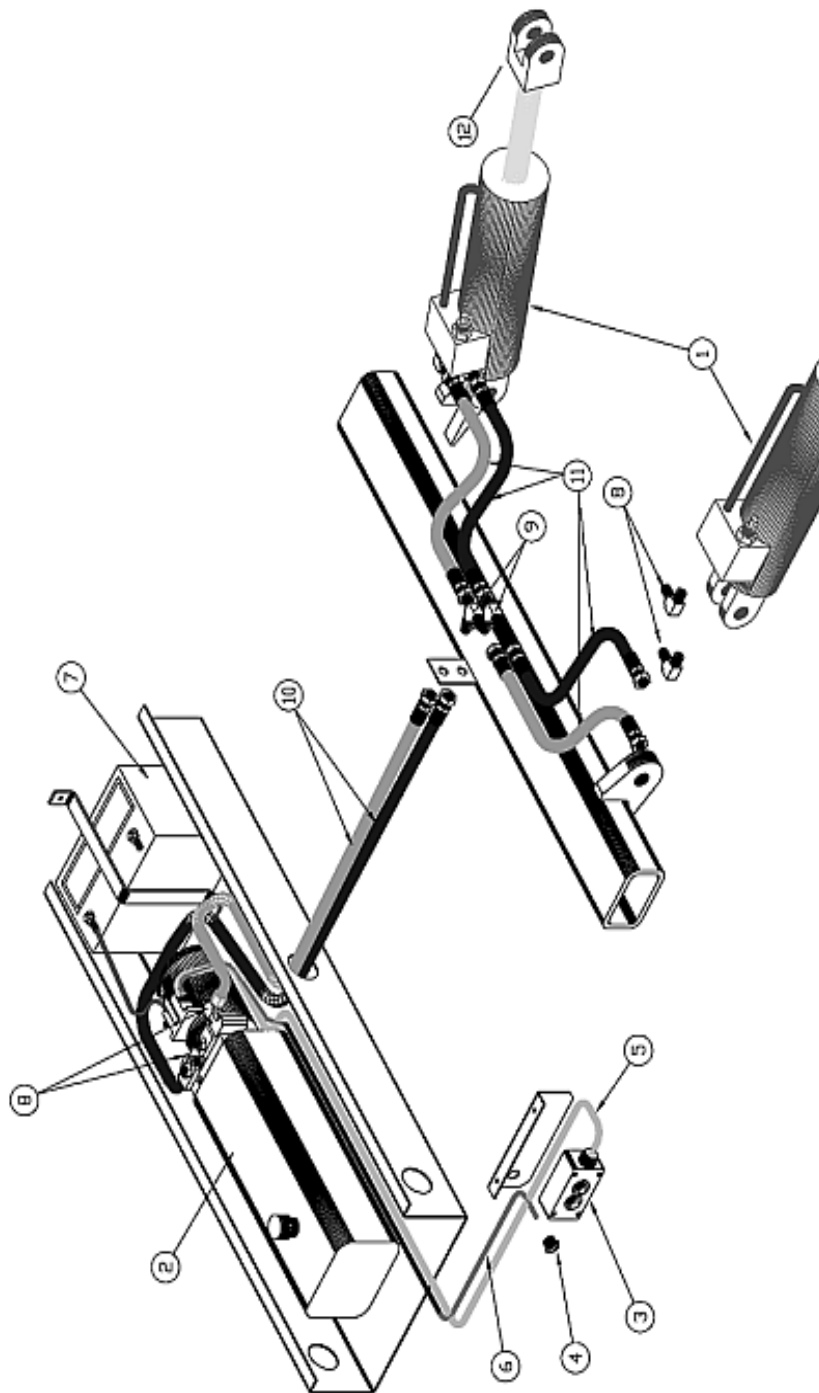
Conversion Kit "A" - Converts old style 20-25 Ton ramps for use with new double spring system

Conversion Kit "B" - Upgrades older 15-20 Ton trailers to new Light Weight ramp and double spring system

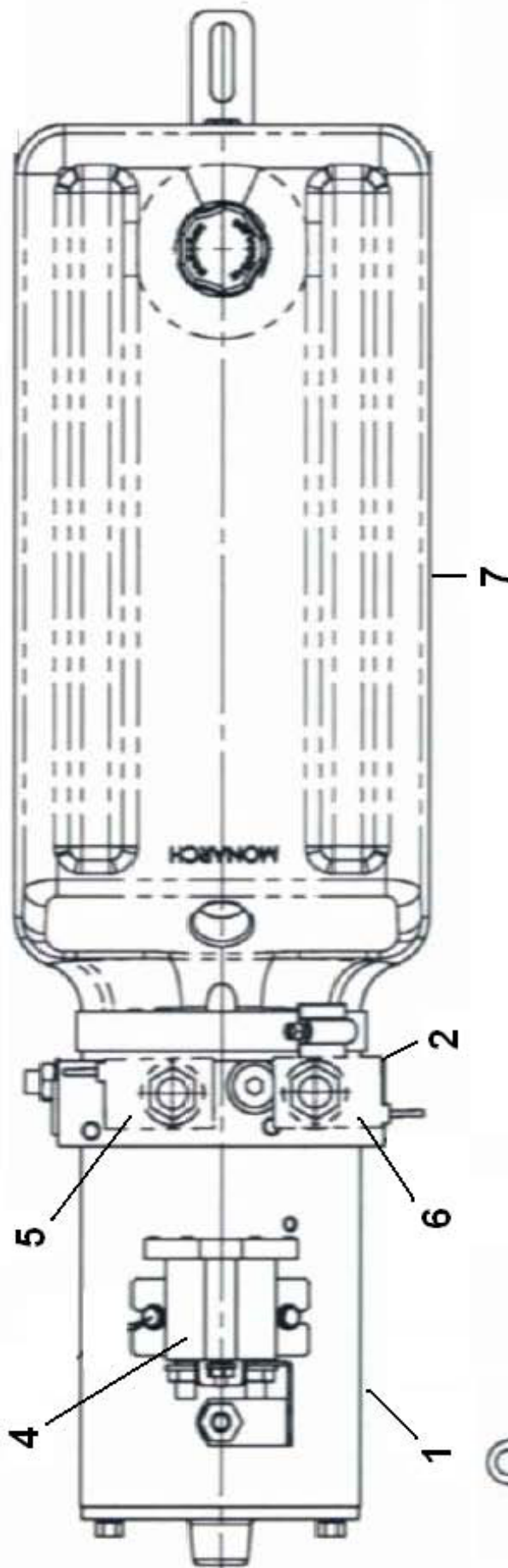
Eager Beaver Trailers

Electric Hydraulic Ramps with Counter Balance Lock (Since June 2007)

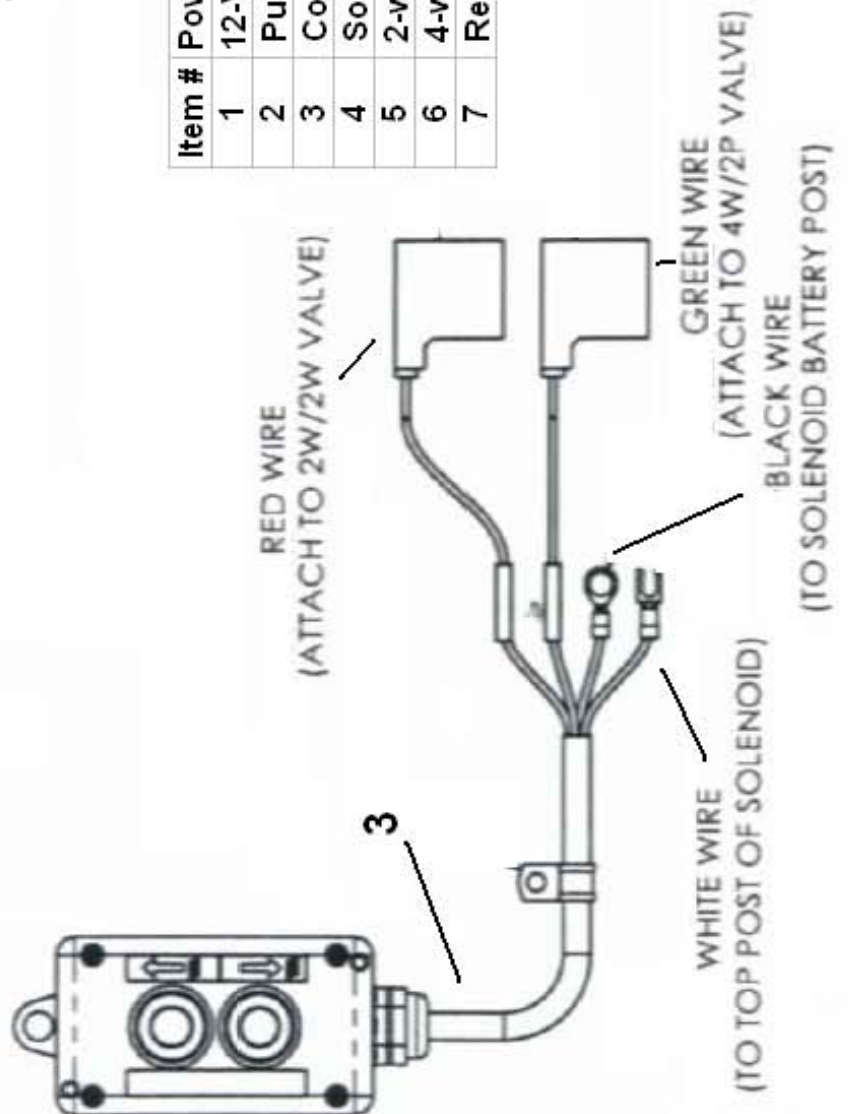
ITEM	DESCRIPTION	PN	NOTES
1	HYDRAULIC CYLINDER	2062326	4" Bore x 11" Stroke with Counter Balance Valve
not shown	PACKING KIT FOR HYDRAULIC CYLINDER	2059362	Prince PMCK-BH-0483
2	MONARCH M3551 MOTOR AND HYD PUMP	373002	
3	UP-DOWN CONTROL BOX	2057694	
4	ON-OFF SWITCH & KEY (Waterproof)	2062304	Cole Hersee PN 95060-07 (After March 2008)
4	700 Series Key Blanks for Waterproof Switch Only	2059588	600 Series Keys use PN 2059587
4	ON-OFF SWITCH & KEY (Non-waterproof)	2062205	Cole Hersee PN M-489 (Prior to March 2008)
5	CONTROL BOX HARNESS	Special Order	
6	HARNESS WITH DEUTSCH DT06-6S CONNECTOR	392612	For waterproof switch only (After Mar 2008)
7	BATTERY (WET CELL) (31DS)	Procure Locally	55 Amp Per hour
12	CLEVIS END ONLY (PIN NOT INCLUDED)	2062296	Also used on Lowboy Stinger Cylinder
12A	PIN, CYLINDER (CLEVIS END & CYLINDER BASE)	2060965	2 Pins per package (1" Dia x 3.1875" L)
not shown	SINGLE POLE PLUG, TRAILER	2057672	Plug Only; Cole Hersee PN 11042
not shown	SINGLE POLE RECEPTACLE, TOW VEHICLE	2057671	Receptacle Only; Cole Hersee PN 11041
	HYDRAULIC OIL	Procure Locally	All Purpose 10W Hydraulic Oil



Monarch Powerpack for Hydraulic Ramps

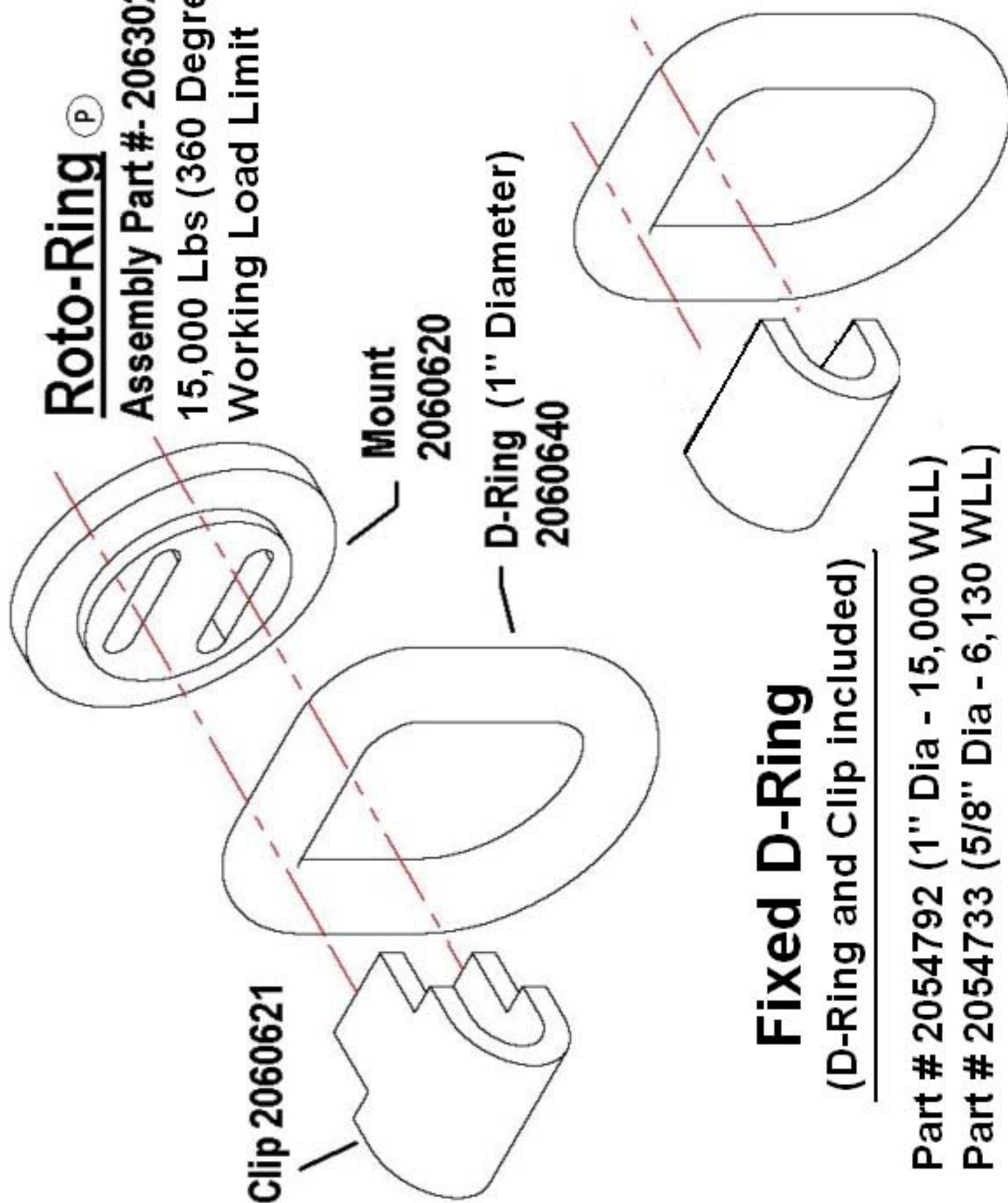


Item #	Powerpack Component	Monarch PN
1	12-VDC motor	8111
2	Pump	12171-250
3	Control Station	04334DH112-120
4	Solenoid Switch	17757
5	2-way cartridge valve	07193-D
6	4-way cartridge valve	00455-D
7	Reservoir	14168



Roto-Ring ^(P)

Assembly Part #- 2063020
15,000 Lbs (360 Degree)
Working Load Limit



Fixed D-Ring

(D-Ring and Clip included)

Part # 2054792 (1" Dia - 15,000 WLL)

Part # 2054733 (5/8" Dia - 6,130 WLL)

SAF Holland 2 Speed Square Jack

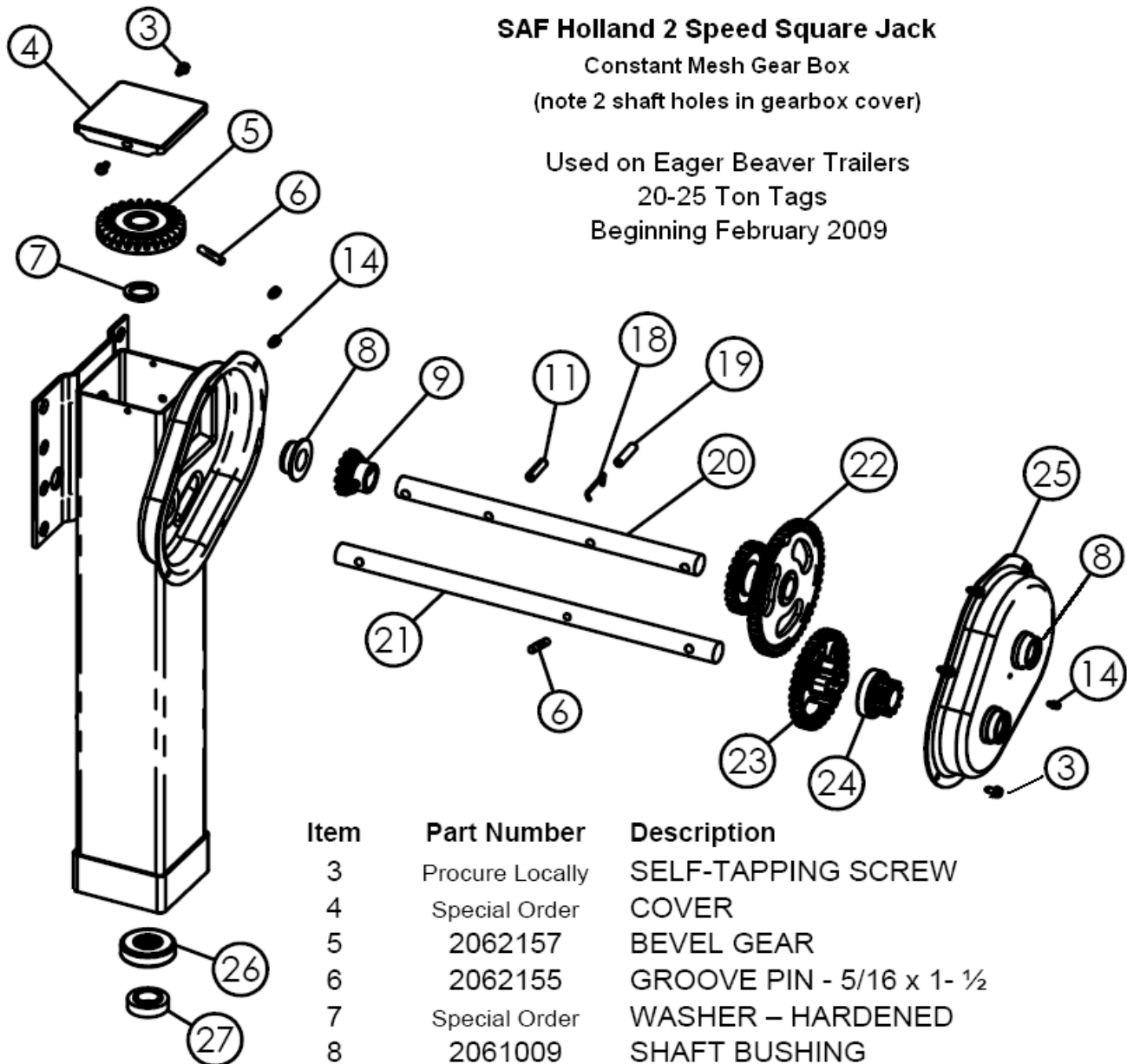
Constant Mesh Gear Box

(note 2 shaft holes in gearbox cover)

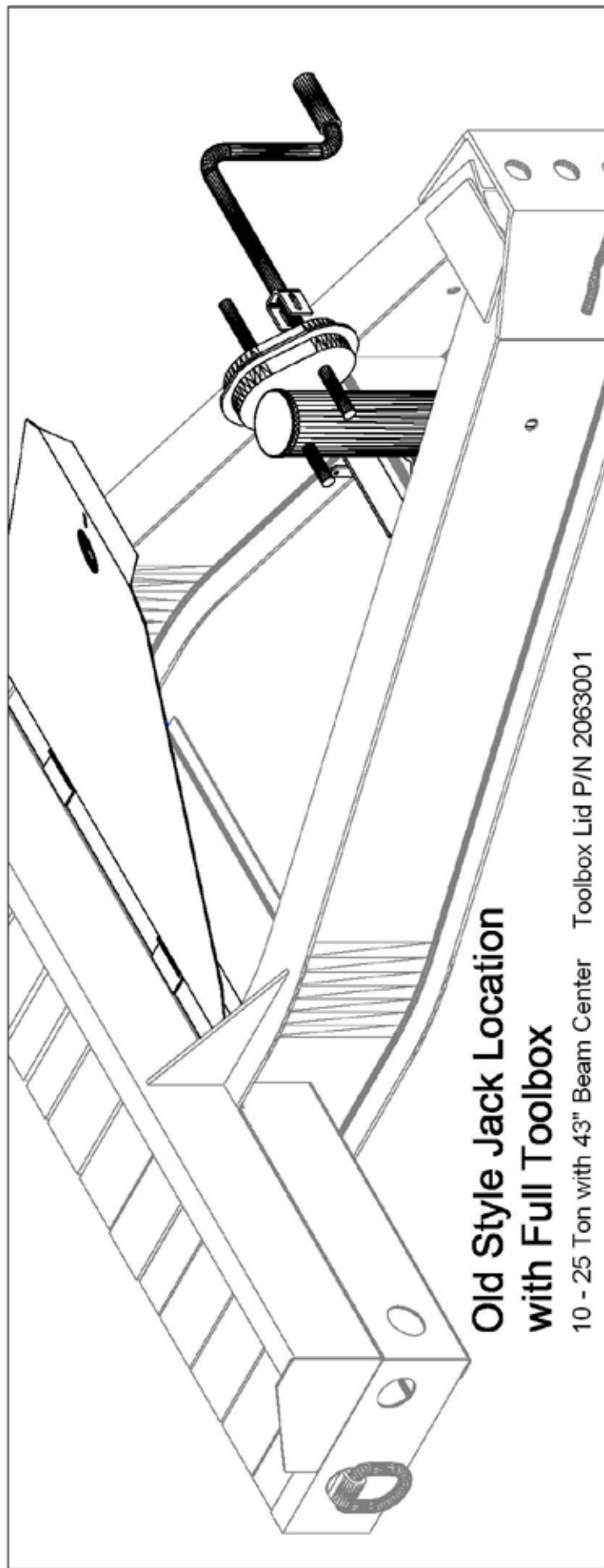
Used on Eager Beaver Trailers

20-25 Ton Tags

Beginning February 2009



Item	Part Number	Description
3	Procure Locally	SELF-TAPPING SCREW
4	Special Order	COVER
5	2062157	BEVEL GEAR
6	2062155	GROOVE PIN - 5/16 x 1- 1/2
7	Special Order	WASHER – HARDENED
8	2061009	SHAFT BUSHING
9	2062159	PINION GEAR
11	2060459	SPRING PIN - 3 /8 x 1-3/8
12	2060458	SPRING PIN - 1/4 x 1-1/4
14	Procure Locally	GREASE FITTING
18	Procure Locally	WIRE
19	Special Order	SPRING PIN - 3/8 x 1-1/2
20	2062161	PINION SHAFT 15.5" LONG
21	2062160	CRANKSHAFT 10.62" LONG
22	2062164	RIGID GEAR
23	2062163	LOW SPEED DRIVE GEAR
24	2062162	HIGH SPEED DRIVE GEAR
25	2062241	OUTSIDE COVER ASSY
26	2062158	COLLAR - ELEV SCREW
27	2062154	BEARING
	2055647	JACK HANDLE (Not Shown)
	2063013	COMPLETE JACK (Less Handle)

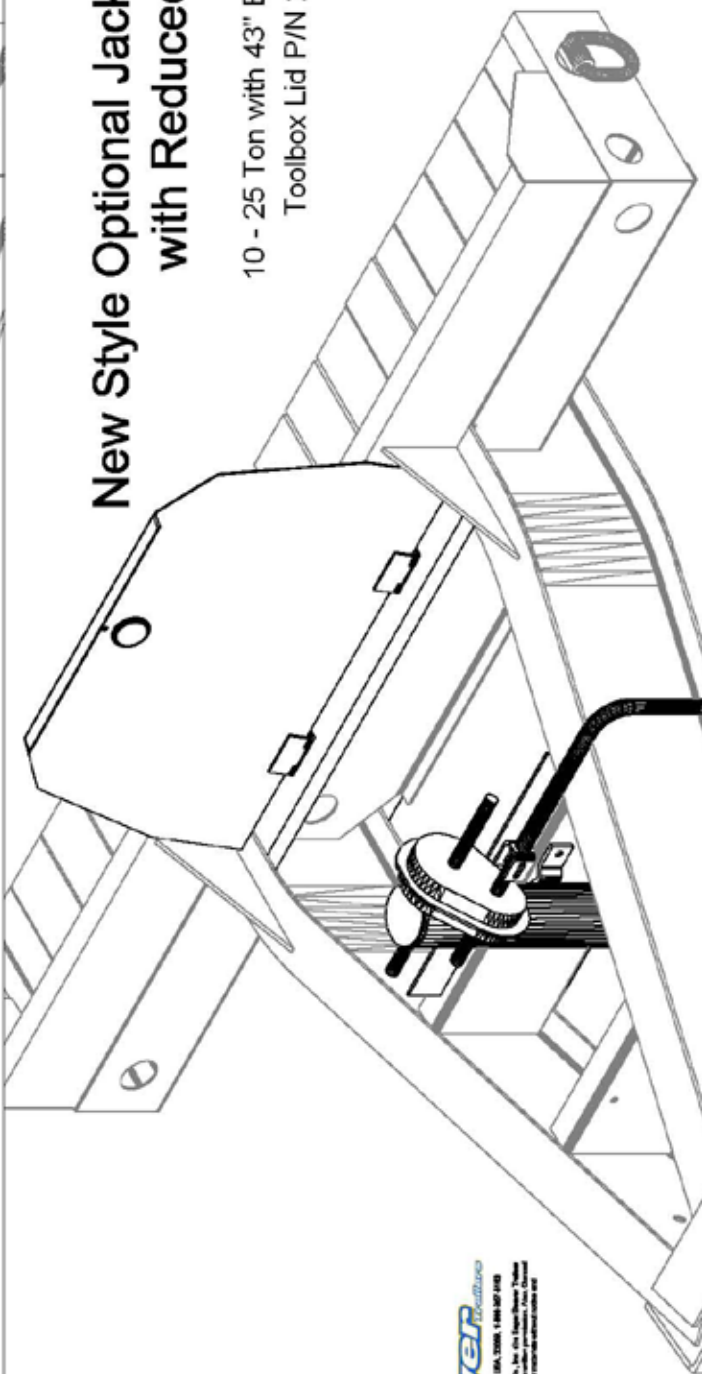


Old Style Jack Location with Full Toolbox

10 - 25 Ton with 43" Beam Center Toolbox Lid P/N 2063001

New Style Optional Jack Location with Reduced Toolbox

10 - 25 Ton with 43" Beam Center
Toolbox Lid P/N 2063005



Eager Beaver
Eager Beaver, Inc., 1400 Highway 27, Lake Wales, Florida, 33853, 800-847-4443
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Tire & Wheel

20 & 25 Ton 215/75R17.5 (H) Tires

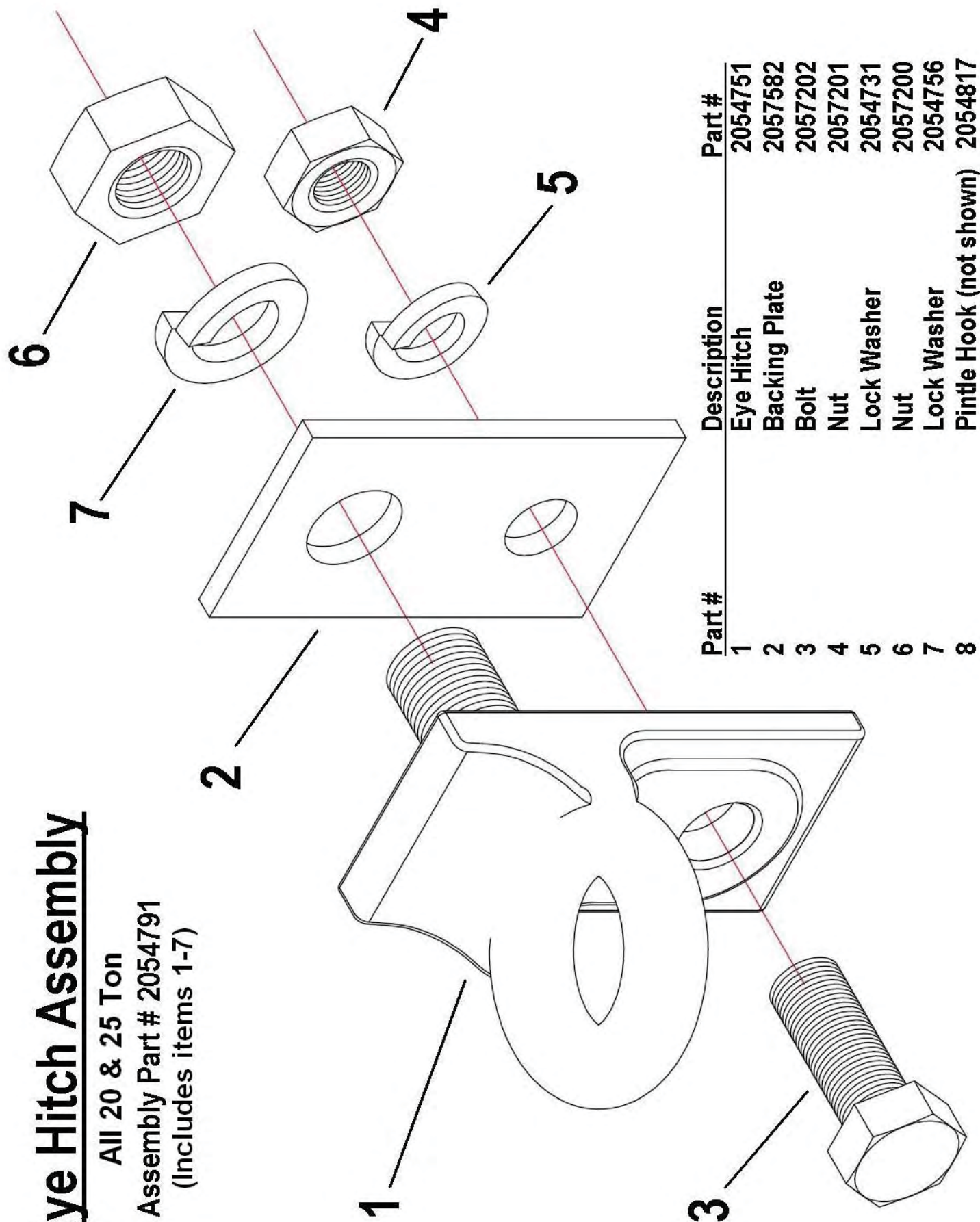
Description	Part #
Wheel 8-Stud, 6.75 X 17.5 (Hub Piloted)	2062125
Tire & Wheel Assembly (Hub Piloted)	2062136
Wheel Open Center, 6.75 X 17.5	2059206
Tire & Wheel Assembly (Open Center)	2059159
Tire - 215/75R17.5 (H)	2059184



8-Stud Hub Piloted Wheel Shown

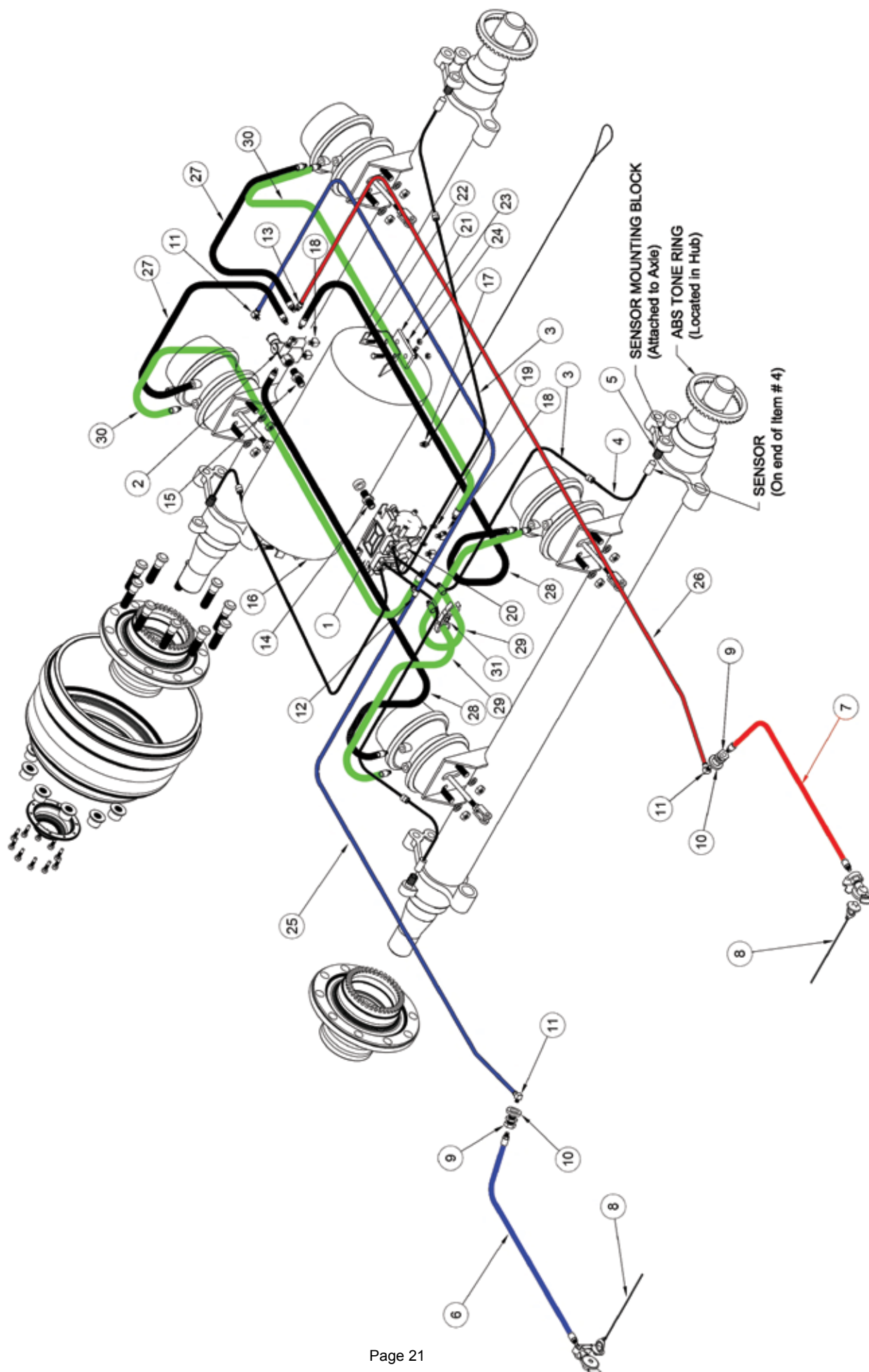
Eye Hitch Assembly

All 20 & 25 Ton
 Assembly Part # 2054791
 (Includes items 1-7)



Part #	Description	Part #
1	Eye Hitch	2054751
2	Backing Plate	2057582
3	Bolt	2057202
4	Nut	2057201
5	Lock Washer	2054731
6	Nut	2057200
7	Lock Washer	2054756
8	Pintle Hook (not shown)	2054817

ABS AIR SYSTEM DRAWING

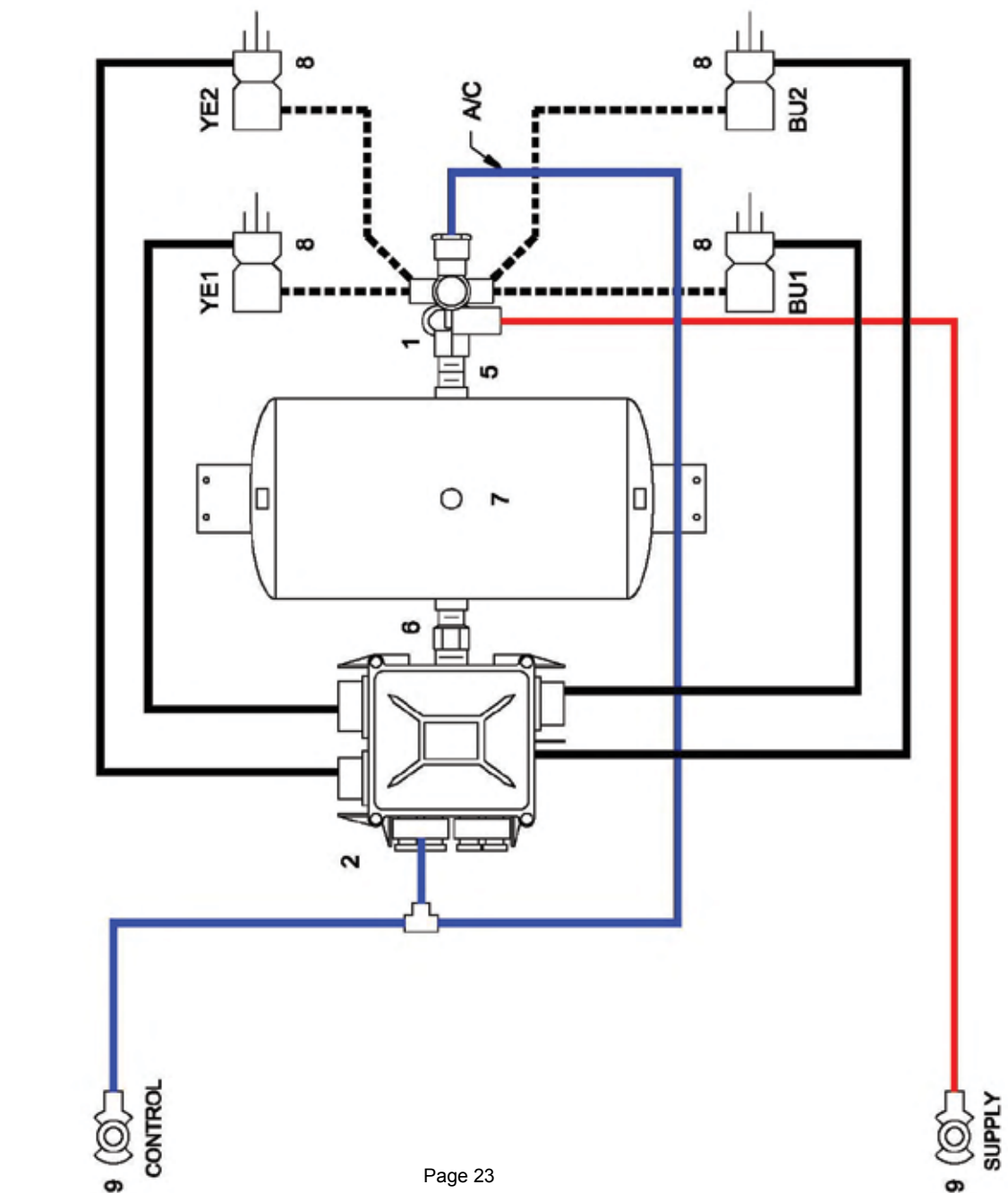


2 AXLE TAG WITH ABS PARTS LIST

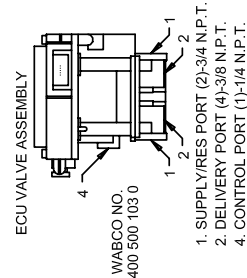
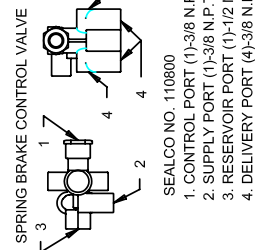
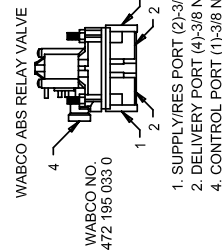
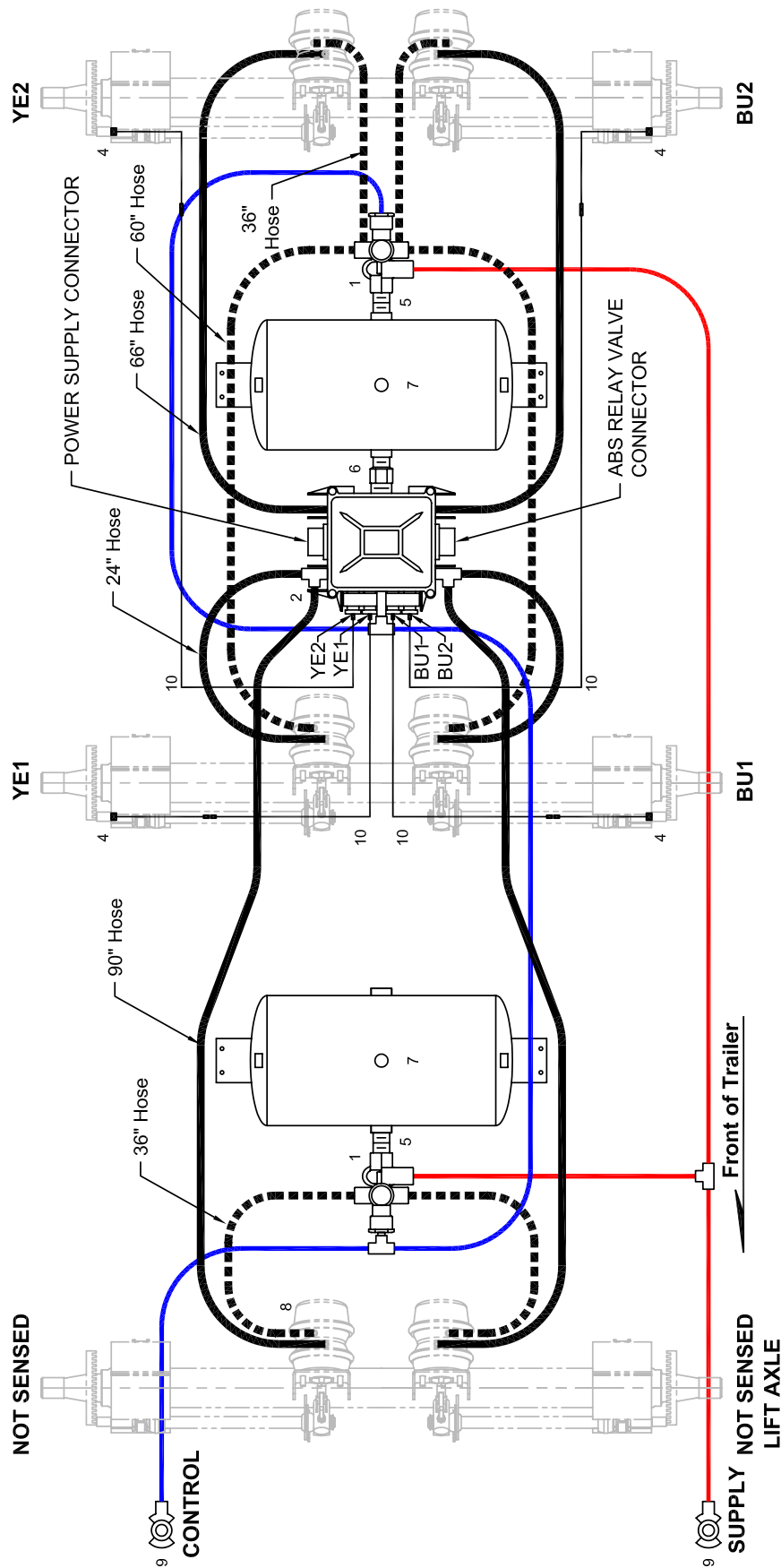
Item	PN	Qty	Description
1	2062139	1	4005001030 (2&3 AXLE ECU)
2	2062080	1	SPRING BRAKE VLV,SEALCO 110800
3	2062102	4	4497130180 6' SENSOR EXT CABLE
4	2062086	4	441-032-808-0 SENSOR W 1' CABLE
5	2062085	4	899-759-815-4 SENSOR CLIP
6	381001	1	3/8HOSE X 60" w /SERV, GLADHAND
7	381002	1	3/8HOSE X 60" w/ EMER, GLADHAND
7A	2055360	1	GLADHAND, SERVICE (BLUE)
7A	2055361	1	GLADHAND, EMERGENCY (RED)
7A	2059141	2	3/8" HOSE X 60"
8	2062131	2	SLOAN PACIFIER P/N 441721
9	2055359	2	3/8FPT-3/8FPT BULKHEAD FITTING (BRASS)
10	411471	2	1"SAE FLAT WASHER PLATED
11	382002	2	3/8T-3/8M SWVL 90 ELBOW (
12	381053	1	3/8T-1/4M SWVL BRNCH TEE
13	381031	1	3/8T-3/8M STRAIGHT CONNECTOR
14	381153	1	3/4"HD NIPPLE,SEALCO #6006
15	381156	2	3/4 MALE CON. 3/4TUBEX3/4
16	2062024	1	AIR TANK (2850) #HT-1242 2-PORT
17	2058065	1	REMOTE DRAIN VLV (350002-048)
18	382106	4	3/8 90°STRT ELBOW, BRASS
19	382162	4	3/8 SQHD PLUG (BRASS)
20	382163	1	3/4 HEXHD PLUG (BRASS)
21	420001	2	AIRTANK MOUNTING PAD #1068
22	411121	4	3/8-16X1.25 HEXHD CAPSCREW GR5
23	411501	8	3/8 STD FLAT WASHER, ZINC
24	411321	4	3/8-16 NYLOC LOCKNUT
25	381879	30	3/8OD NYLON BRAKE TUBING- BLUE
26	381878	30	3/8OD NYLON BRAKE TUBING- RED
27	2062120	2	36" 3/8 AIR BRAKE HOSE
28	2055693	2	60" 3/8 AIR BRAKE HOSE
29	2055692	4	24" 3/8 AIR BRAKE HOSE
30	2059140	2	66" 3/8 AIR BRAKE HOSE
31	411821	12	1/2ID HOSE SEPARATOR
	382156	1	1/2"X 3/4"HEX NIPPLE

4S-2M Air System Schematic

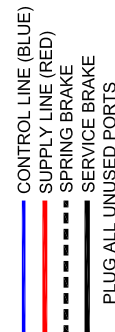
Tandem Axle Tag Trailers



4S-3M Air System Schematic for 25XPL



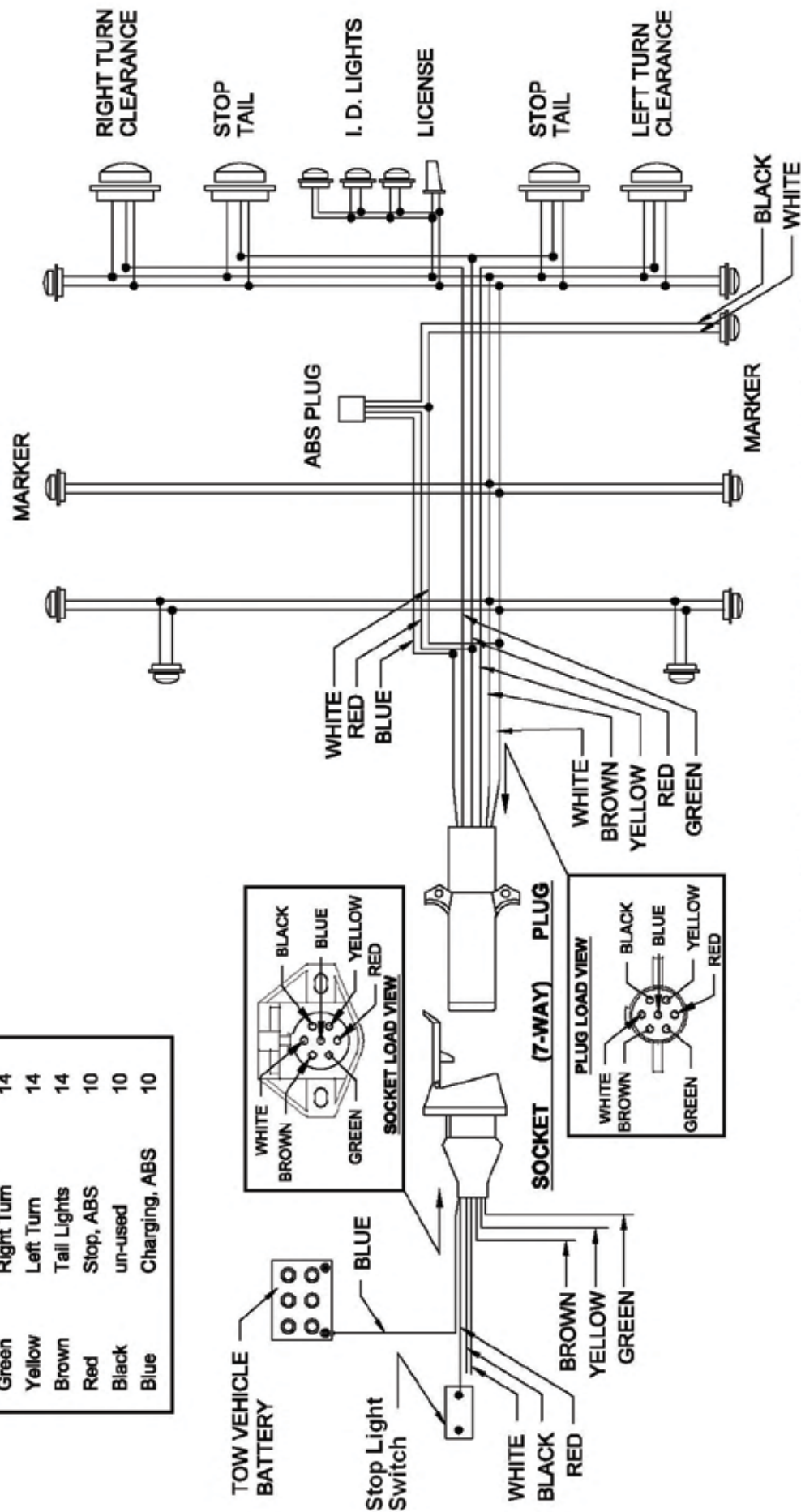
Item	Description
1	Spring Brake Valve
2	ECU ABS Valve
3	ABS Relay Valve
4	Wheel Sensors
5	3/4" x 3/4" Nipple
6	3/4" x 1/2" Nipple
7	2850 Culin Air Tank
8	Air Brake Chambers
9	Glad-hands
10	Sensor Extension Cable



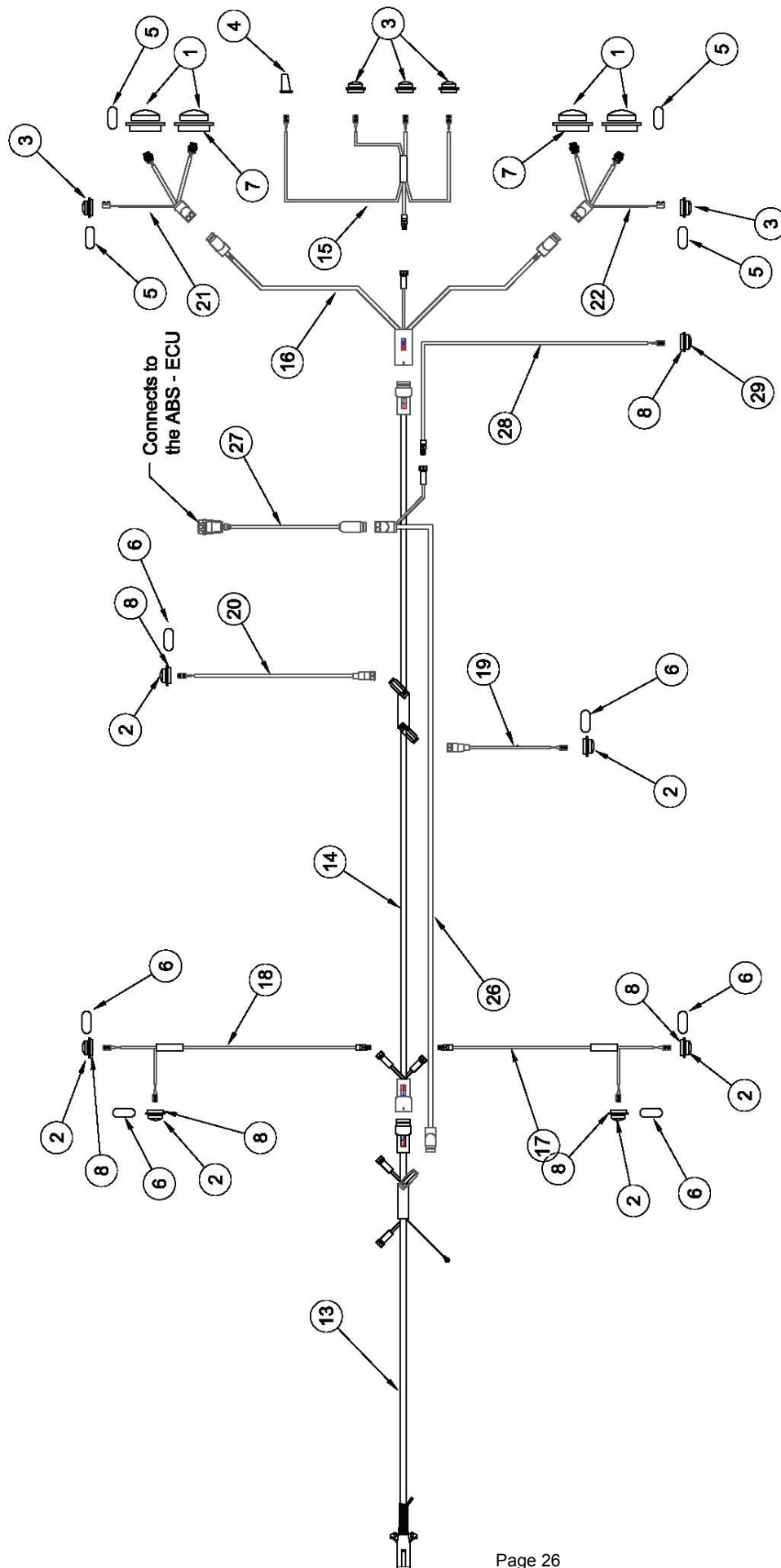
Note: ALL air lines and hoses must be properly routed and secured, so to prevent contact with any surfaces or each other.

Electrical Wiring Schematic for Tow Behind Trailers with ABS Brakes

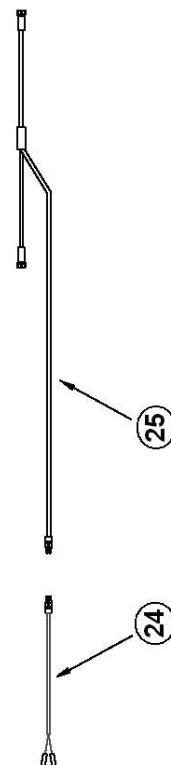
Color	Function	Gauge
White	Ground	8
Green	Right Turn	14
Yellow	Left Turn	14
Brown	Tail Lights	14
Red	Stop, ABS	10
Black	un-used	10
Blue	Charging, ABS	10



Eager Beaver 10 - 25 Ton Air Brake Electrical System with "LED" Lights and USA Harness "PLUS" System Harness



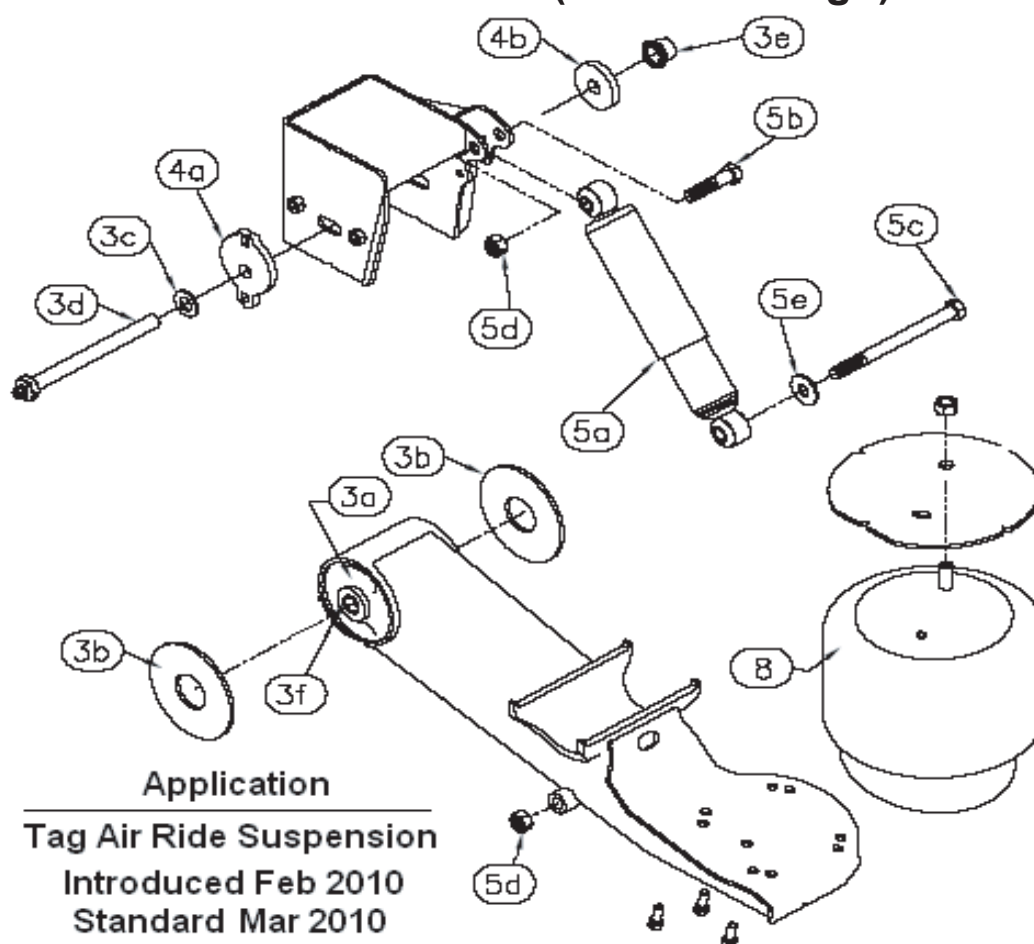
10 - 15 Ton Electric Brake Add-On Harness (Brake Away Switch Jumper & Electric Brake Harness)



PLUS HARNESS AND LED LIGHTS PARTS LIST

Item	Part no	Qty	Description
1	2062094	4	S/T/T "LED" LIGHT
2	2062095	6	2.5" AMBER LED MARKER LIGHT
3	2062093	5	2.5" RED LED MARKER LIGHT
4	2057075	1	LICENSE PLATE LIGHT (Non LED, One-Piece)
4a	2057072	1	LICENSE PLATE LIGHT HOUSING (2-piece only)
4a	2057074	1	LICENSE PLATE LIGHT (Non LED, 2-piece only)
5	2062130	2	OBLONG RED REFLECTOR
6	2062129	6	OBLONG AMBER REFLECTOR
7	2057067	4	GROMMET, BLACK S/T/T 4"
8	2057069	12	GROMMET, MARKER 2.5"
9-12			not used
13	2062107	1	TAG NOSE END, 12'
14	2062108	1	TAG 10-15 MAIN, 26' PLUS
15	2062193	1	TAILBOARD I.D., PLUS LED
16	2062061	1	TAILBOARD CENTER, ALL PLUS
17	2062194	1	FRONT MARKER, 2-LT, 39" PLUS LED
18	2062195	1	FRONT MARKER, 2-LT, 81" PLUS LED
19	2062196	1	CNTR MARKER, 4-POLE, 51" PLUS LED
20	2062197	1	CNTR MARKER, 4-POLE, 87" PLUS LED
21	2062198	1	C/S "LED" PGTL, TAG, 14" PLUS LED
22	2062199	1	S/S "LED" PGTL, TAG, 14" PLUS LED
23			not used
24	2062043	1	BREAK AWAY SWITCH JUMPER
25	2062042	1	ELECTRIC BRAKE HARNESS, 19'
26	2062039	1	TAG ABS ADAPTER, 210"
27	2062040	1	ABS POWER, 41"
28	2062041	1	MARKER, 2-POLE, 155"
29	2061097	1	ABS 2.5" MARKER LIGHT - NON LED
KIT	2062200	1	COMPLETE PLUS HARNESS ASSEMBLY *
* (LESS ABS ITEMS 26, 27, 28 AND LESS ELEC BRAKE ITEMS 24, 25)			
* (LIGHTS & GROMMETS ALSO NOT INCLUDED WITH HARNESS ASSY)			
KIT	2061048	1	ELECTRIC BRAKE ITEMS 24 AND 25
KIT	2062119	1	ABS AIR BRAKE ITEMS 26, 27 AND 28

CUSH CLC-25-005 (with Trac-Align)



Application

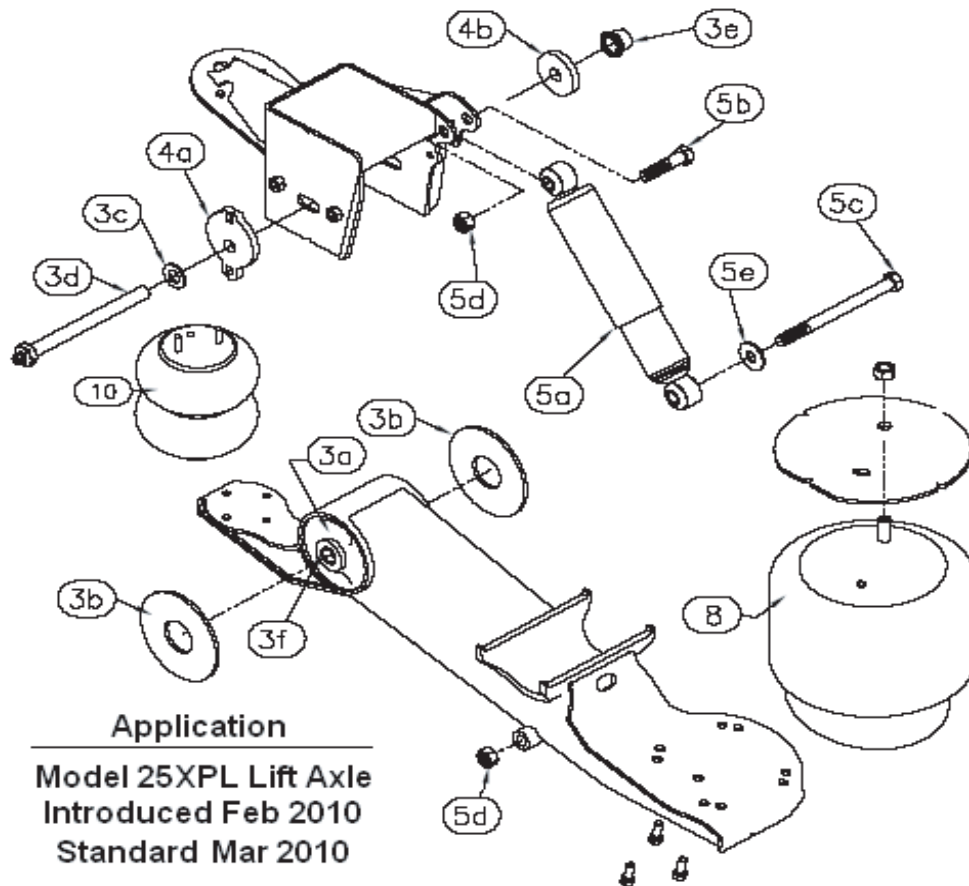
Tag Air Ride Suspension

Introduced Feb 2010

Standard Mar 2010

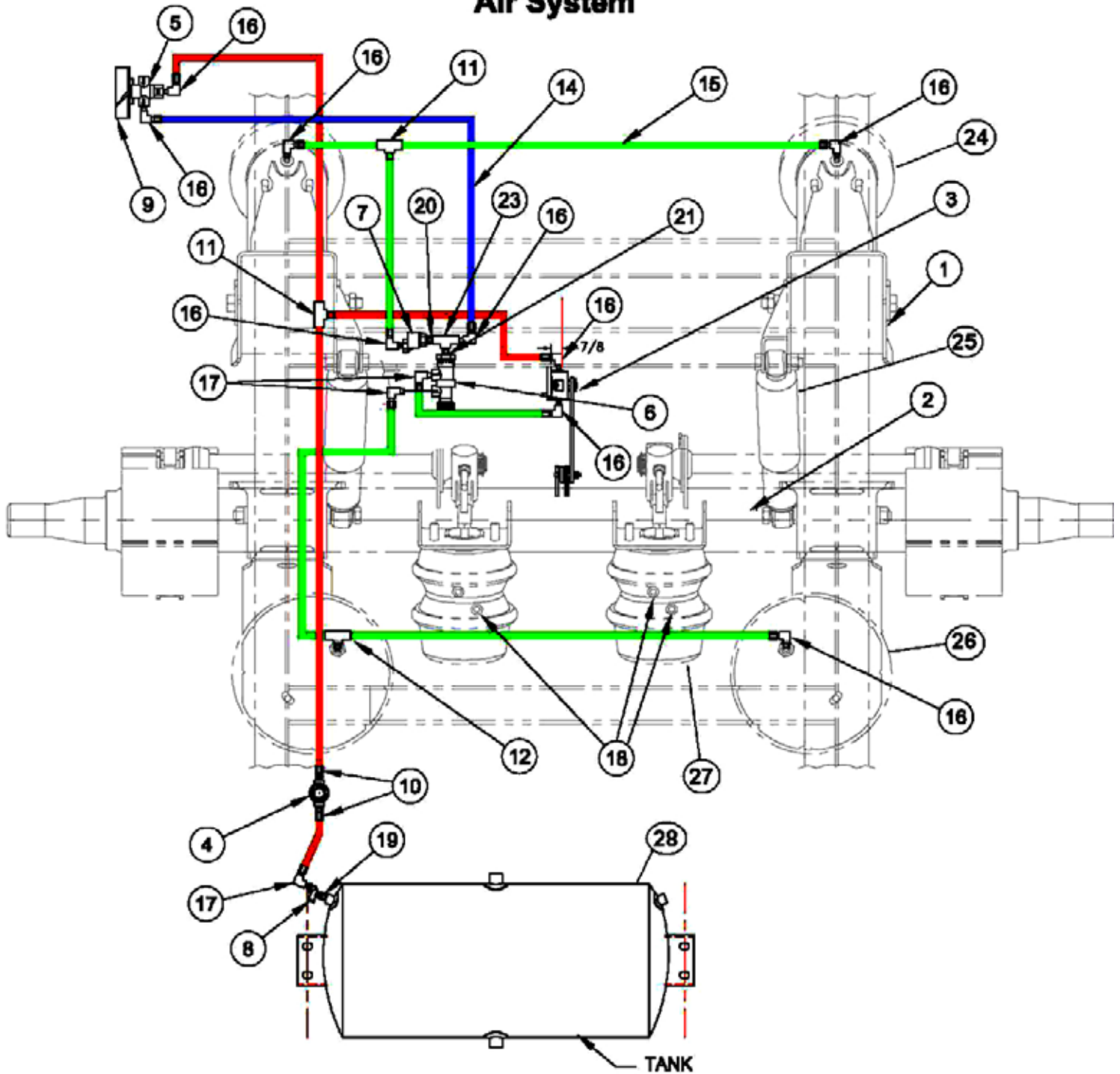
ITEM	DESCRIPTION	PART #
3a	Bushing Only, 6.75"L x 1.25" ID	2062281
3b	Wear Washer	2062282
3c	Washer, 0.875 SAE ID	see Kit K0334
3d	E-20 Torx Bolt .875"-9UNC x 10"	see Kit K0334
3e	SecureLoc Nut .875"-9UNC	see Kit K0334
3f	Reducer fm 1.25" OD to 0.9" ID	see Kit K0334
Bushing Kit: 1 per swing arm (3a - 3f)		K0334
4a	Alignment Gear, eccentric, outer	see Kit K0335
4b	Alignment washer, inner	see Kit K0335
Pivot Alignment Kit: 1 per hanger (4a-4b)		K0335
5a	Shock Absorber	2062170
5b	Bolt .75" - 10UNC x 3.35" GR 5	see Kit K0130
5c	Bolt .75" - 10UNC x 9.5" GR 5	see Kit K0130
5d	Nut, lock, .75" - 10UNC	see Kit K0130
5e	Washer 3/4" ID	see Kit K0130
Shock Bolt Kit: 1 per Shock (5b-5e)		K0130
8	Susp. Air Spring (1 per swing arm)	2062187

CUSH CLC-25-005L (with Trac-Align)



ITEM	DESCRIPTION	PART #
3a	Bushing Only, 6.75"L x 1.25" ID	2062281
3b	Wear Washer	2062282
3c	Washer, 0.875 SAE ID	see Kit K0334
3d	E-20 Torx Bolt .875"-9UNC x 10"	see Kit K0334
3e	SecureLoc Nut .875"-9UNC	see Kit K0334
3f	Reducer fm 1.25" OD to 0.9" ID	see Kit K0334
Bushing Kit: 1 per swing arm (3a - 3f)		K0334
4a	Alignment Gear, eccentric, outer	see Kit K0335
4b	Alignment washer, inner	see Kit K0335
Pivot Alignment Kit: 1 per hanger (4a-4b)		K0335
5a	Shock Absorber	2062170
5b	Bolt .75" - 10UNC x 3.35" GR 5	see Kit K0130
5c	Bolt .75" - 10UNC x 9.5" GR 5	see Kit K0130
5d	Nut, lock, .75" - 10UNC	see Kit K0130
5e	Washer 3/4" ID	see Kit K0130
Shock Bolt Kit: 1 per Shock (5b-5e)		K0130
8	Susp. Air Spring (1 per swing arm)	2062187
10	Lift Air Spring (1 per swing arm)	2062186

994684 - 25XPL with CUSH Lift Air System



25 XPL CUSH LIFT **AIR SYSTEM PARTS** (994684)

(Toggle Valve used Before January 2007)

ITEM #	PART #	QTY	DESCRIPTION
1	322096	1	CUSH CLC-25-005 LOW MT LI FT
2	991935	1	25K77T HP ASS W/SB A/R AX ASSY
3	2062166	1	CUSH XPL HT CONTROL VALVE KIT
4	2062140	1	PRESS REG VALVE, FIXED @ 70 PSI
5	2062082	1	TOGGLE CTRL VLV SEALCO #21600-2
6	2060824	1	AIR PILOT VLV - SEALCO #110591
7	2062021	1	QUICK REL VLV P/N 3800
8	2062022	1	BRAKE PROTECT VALVE #140270
9	147251	1	12GA X 4X 4 PUSH-PULL VLV BRKT
10	381032	2	3/8T-1/4M STRAIGHT CONN (QCAB)
11	381041	2	3/8 TUBE UNION TEE (QCAS)
12	381053	1	3/8T-1/4M SWVL BRNCH TEE(QCAB)
13	381878	20	3/8 OD NYLON BRAKE TUBING-RED
14	381879	10	3/8 OD NYLON BRAKE TUBING-BLUE
15	381880	10	3/8 OD NYLON BRAKE TUBING-GREEN
16	382001	9	3/8T-1/4M SWVL 90 ELBOW (QCAB)
17	382002	3	3/8T-3/8M SWVL 90 ELBOW (QCAB)
18	382116	4	3/8 45°STRT ELBOW, BRASS, 3350X6
19	382150	1	3/8"HEX NIPPLE (BRASS)
20	382151	1	1/4"HEX NIPPLE (BRASS)
21	382154	1	3/8"X 1/4"HEX NIPPLE (BRASS)
22	382171	1	1/4 HEX SOCKET PLUG (BRASS)
23	383121	1	1/4 NPT BRASS TEE.WIH 3700X4
24	2062186	2	AXLE LIFT AIR BAG
25	2062170	2	SHOCK ABSORBER
26	2062187	2	SUSPENSION AIR BAG
27	2059596	2	SPRING BRAKE CHAMBER
28	2062024	1	2-PORT AIR TANK

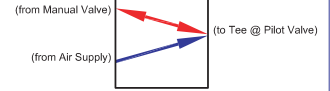
994689 - 25XPL with CUSH Lift Air System with Manual and Solenoid Control / Push-Pull Valve

← Solenoid OFF - Inactive

→ Solenoid ON - Activated

2-POLE CONNECTION
(BLACK & WHITE WIRES)

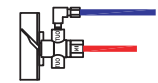
TRAILER
NOSE END
HARNESS



NOTE: On some
Valves the #1 & #3
lines are reversed

FIVE PORT VALVE
(prior to 01-01-2011)

NOTE: Five Port Valve
was plugged and used as
a three port Valve



NOTE: Older trailers
had a toggle valve
instead of a Push-Pull

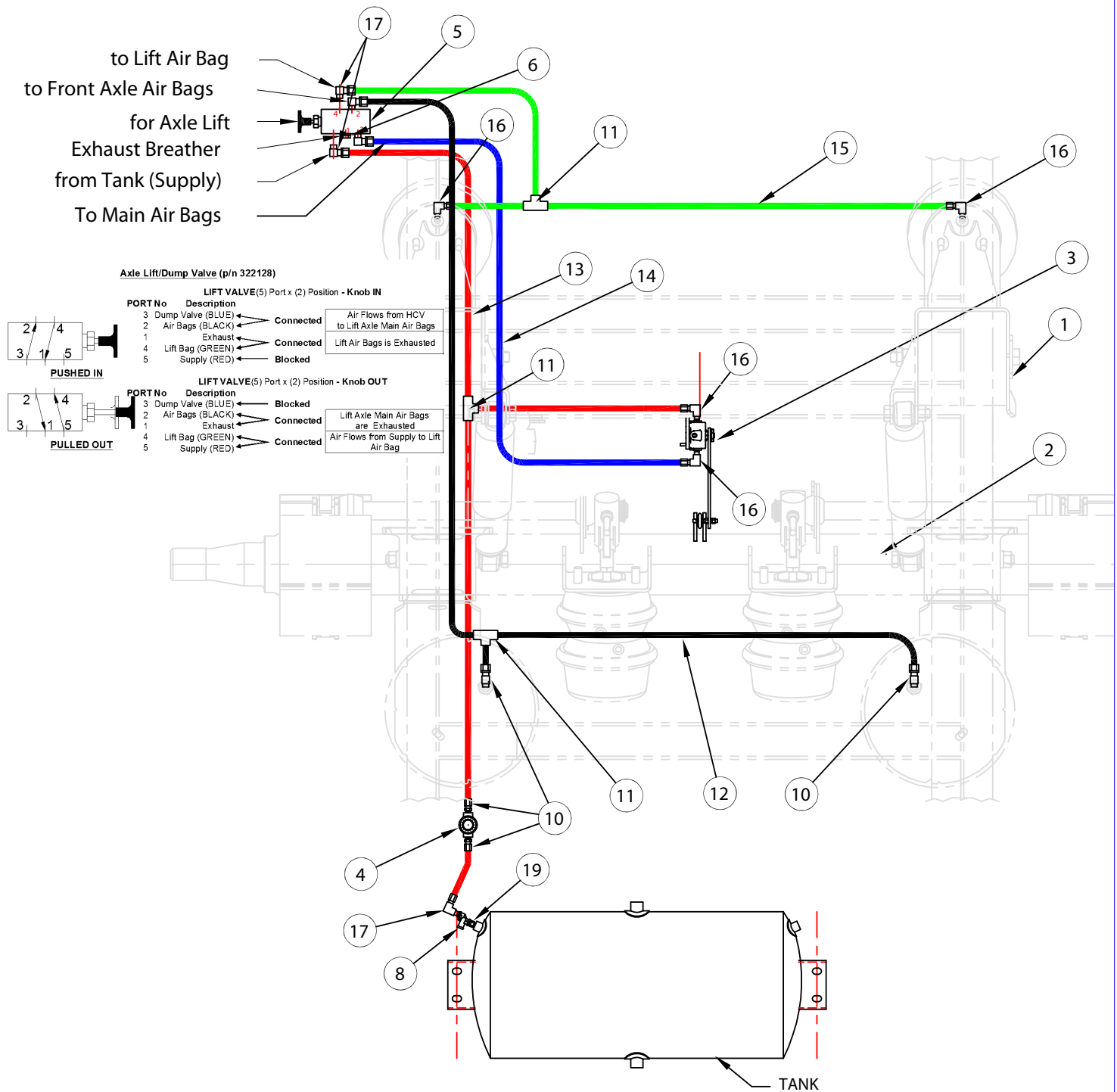
Item	Part No	Qty	Description
1	322096	1	CUSH CLC-25-005 LOW MT LIFT
2	991935	1	25K77T HP ABS W/SB A/R AX ASSY
3	322072	1	CUSH XPL HT CONTROL VALVE KIT
4	322129	1	PRESS REG VALVE, FIXED @ 70 PSI
5	322130	1	2/3 PUSH-PULL VALVE (After 12-06)
	322132	1	TOGGLE CTRL VALVE (prior to 12-06)
6	322133	1	AIR PILOT VLV - SEALCO #110591
7	NOTE: Removed Quick Release Valve (12-22-10)		
8	322139	1	BRAKE PROTECT VALVE #140270
9	147251	1	12GA X 4X 4 PUSH-PULL VLV BRKT
10	381032	4	3/8T-1/4M STRAIGHT CONN (QCAB)
11	381041	3	3/8TUBE UNION TEE (QCAB)
12	381053	1	3/8T-1/4M SWVL BRNCH TEE(QCAB)

Item	Part No	Qty	Description
13	381878	20	3/8OD NYLON BRAKE TUBING- RED
14	381879	10	3/8OD NYLON BRAKE TUBING-BLUE
15	381880	10	3/8OD NYLON BRAKE TUBING-GREEN
16	382001	8	3/8T-1/4M SWVL 90 ELBOW (QCAB)
17	382002	5	3/8T-3/8M SWVL 90 ELBOW (QCAB)
18	382116	4	3/8 45°STRT ELBOW, BRASS, 3350X6
19	382150	1	3/8"HEX NIPPLE (BRASS)
20	NOTE: Removed 1/4" Tee (12-22-10)		
21	382154	1	3/8"X 1/4"HEX NIPPLE (BRASS)
22	382171	1	1/4 HEX SOCKET PLUG (BRASS)
23	383121	1	1/4 NPT BRASS TEE, W/H 3700X4
24	382145	1	SOLENOID VALVE 3-WAY 12VDC
26	392481	1	TAG MAIN JUMPER, 27"(2)POL PLUS

Eager Beaver Trailers

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994684 - 25XPL with CUSH Lift No Pilot Air System (Effective Jan 2007)



Item	Part No	Qty	Description
1	322096	1	CUSH CLC-25-005 LOW MT LIFT
2	991935	1	25K777 HP ABS W/SB A/R AX ASSY
3	322072	1	CUSH XPL HT CONTROL VALVE KIT
4	322129	1	PRESS REG VALVE, FIXED @ 70 PSI
5	322128	1	PUSH-PULL VLV ALKON TD6300,2/5
6	322155	1	SEALCO-EXHAUST SEAL P/N 110524
8	322139	1	BRAKE PROTECT VALVE #140270
9	147251	1	12GA X 4X 4 PUSH-PULL VLV BRKT

Item	Part No	Qty	Description
10	381032	4	3/8T-1/4M STRAIGHT CONN (QCAB)
11	381041	3	3/8TUBE UNION TEE (QCAB)
12	381881	20	3/8OD NYLON BRAKE TUBING- BLACK
13	381878	20	3/8OD NYLON BRAKE TUBING- RED
14	381879	10	3/8OD NYLON BRAKE TUBING-BLUE
15	381880	10	3/8OD NYLON BRAKE TUBING-GREEN
16	382001	4	3/8T-1/4M SWVL 90 ELBOW (QCAB)
17	382002	5	3/8T-3/8M SWVL 90 ELBOW (QCAB)

Eager Beaver Trailers 20 & 25 Ton Tag

Miscellaneous Parts & Paint Codes

PART NO.	DESCRIPTION
2054869	Deck Washer
2059133	Hex Head Bolt, Deck Washer, 3/8 x 2 1/2
2059134	Nut, Deck Washer, 3/8-16
2060510	Nose Plate, 15-25 Ton Only
2060834	Aluminum Extension Ramps (Set)
2060659	Truck Wiring Harness
2058065	Air Tank Remote Drain Valve
2059431	Safety Chain, 1/2" x 41", with Clevis Hook
2059432	Weld-on Anchor, Safety Chain, 5/8" x 8"
2061064	Clevis Hook, 1/2", Spring Loaded
2062129	Oblong Reflector - Amber
2062130	Oblong Reflector - Red
2060735	Eager Beaver Trailers Mud Flap - White 24" x 18"
2054792	Weld-on Heavy Duty Fixed D-Ring & Clip
2063021	Weld-on Spare Tire Carrier for Hub Piloted Wheel

Eager Beaver Standard Colors	Manufactured After 8/6/10 Dupont Imron	MFG between 9/22/06 and 8/6/10 PPG Color Code
Yellow	H7947	FP827
Red	77968	FP703
Black	1640	FP901
Blue	3759	*
White	1632	FP951

* Custom Mixed Color, No Code Assigned

**Eager
Beaver
Trailers**

General Engines Co., Inc. 1-800-338-7088
548 Swedesboro Ave. 856-423-0200
Mickleton, NJ 08056-1246 Fax: 856-423-0999

SHIP VIA _____

[illegible]

COMMENTS:

Parts orders are accepted by FAX, Telephone, or Email (Parts@eagerbeavertrailers.com)